AMENDMENT OF SOLICITATION/MODIFIC	ATIC GORTRACT	1 CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3 EFFECTIVE DATE	4 REQUISITION/PURCHASE REQ. NO	1 2
000117	See Block 160	4200287380	5 PROJECT NO (If applicable) USTDC
6 ISSUED BY CODE	KSC BIOCK 100	7 ADMINISTERED BY (If other than Item 6)	
NASA/John F. Kennedy Space C			CODE KSC
Office of Procurement	.enter	NASA/kennedy Space Cent	er.
MAIL CODE OP		Office of Procurement	
KENNEDY SPACE CENTER FL 3289	19	MAIL CODE OP-ES	
	· ·	ATTN: Andrew S. Dennis KENNEDY SPACE CENTER FL	22022
		MANUEL STACE CENTER FI.	32899
8 NAME AND ADDRESS OF CONTRACTOR (No. street,	county, State and ZIP Code)	(x) 9A AMENDMENT OF SOLICITATION NO	
ASRC AEROSPACE CORP			
Attn: NONE SPECIFIED		9B DATED (SEE ITEM 11)	
303 IVY LN, STE-300		1	
REENBELT MD 20770-6302			
		x NAS1003006	ER NO.
		10B DATED (SEE ITEM 13)	
CODE	FACILITY CODE	03/01/2003	
	11. THIS ITEM ONLY APPLIES	TO AMENDMENTS OF SOLICITATIONS	
The above numbered solicitation is amended as set fort	h in Item 14. The hour and date a		extended [jis not extended
Chara must acknowledge receipt of this amendment price	or to the hour and date specified ir	the solicitation or as amended, by one of the following	
separate letter or telegram which includes a reference to	the solicitation and amount	wiedging receipt of this amendment on each copy of th	ne offer submitted; or (c) By
separate letter or telegram which includes a reference to THE PLACE DESIGNATED FOR THE RECEIPT OF Or virtue of this amendment you desire to change an offer a	FERS PRIOR TO THE HOUR AN	UMBORS. FAILURE OF YOUR ACKNOWLEDGEMENT DIDATE SPECIFIED MAY BESULT IN BELLECTION OF	TO BE RECEIVED AT
virtue of this amendment you desire to change an offer a reference to the solicitation and this amendment, and is	already submitted, such change ma	ay be made by telegram or letter, provided each telegra	F YOUR OFFER If by
reference to the solicitation and this amendment, and is 2. ACCOUNTING AND APPROPRIATION DATA (If require	red)	and date specified.	
ee Schedule	Γ	et Increase:	\$1,606,524.00
13. THIS ITEM ONLY APPLIES TO MOD	DIFICATION OF CONTRACTS/ORI	DERS. IT MODIFIES THE CONTRACT/ORDER NO. AS	DESCRIPED IN ITEM A
ORDER NO. IN ITEM 10A.	- (- p-say damany)	THE CHANGES SET FORTH IN ITEM 14 ARE MADE II	N THE CONTRACT
B. THE ABOVE NUMBERED CONTRACT/	ORDER IS MODIFIED TO REFLE	CT THE ADMINISTRATIVE CHANGES (such as chang UTHORITY OF FAR 43 103(b)	TOD in novine -#
			es in paying onice,
C. THIS SUPPLEMENTAL AGREEMENT IS	S ENTERED INTO PURSUANT TO	O AUTHORITY OF	
D OTHER O			
D OTHER (Specify type of modification and	d authority)		
X Limitation of Funds			
IMPORTANT: Contractor 🗵 is not.	is required to sign this document	and return 0 copies to the issu	uing office.
DESCRIPTION OF AMENDMENT/MODIFICATION (Org	nanized by UCF section headings,		
Land of CHIP WOUTIT	Callon is to add	incromontal for dia	
1000,524.00 10	i d LOEAT COntrac	t obligation	
The combination of	De adequate for a	Ontract manfalls	
a contract of the contract of	March 23. Zung Tr	hie modification - 1	
, and theelietve	ree. Contract V	alue is changed to \$221 705	EGO F
25,292,359, an increase of \$6	5,473,210.		,569 from
Section B, Table B-1 is updated identified in Attachment J-1	ited to reflect th	le most current	
identified in Attachment J-1	O. Contract Value	Award For a 1 *	work authorized
	, varue	. Awaru ree and Incentive F	ee.
Section B, Table B-2 is upda	ted to refloat +1	o moch	
ntinued	.cod co reliect th	e most current Adjusted Tar	get Costs and
• • • •			
ept as provided herein, all terms and conditions of the doci NAME AND TITLE OF SIGNER (Type or print)	unient referenced in Item 9A or 10	A, as heretofore changed, remains unchanged and in fu	ull force and effect.
- Cope of pinty		16A NAME AND TITLE OF CONTRACTING OFFIC	CER (Type or print)
		Andrew S. Dennis	
CONTRACTOR/OFFEROR	15C DATE SIGNED	16B UNITED STATES OF AMERICA	100 DATE COM
		1 // // X7 /	16C DATE SIGNED
(Signature of person authorized to sign)		144 MAN 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12/15/N
7540-01 152-8070		(Signature of Contracting Officer)	13/x3/0°
ious edition unusable		S1	TANDARD FORM 30 (BEV. 40 gg)

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NDARD FORM 30 (REV. 10.83) Prescribed by GSA

FAR (48 CFR) 53.243

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, <u>Contract Value</u>. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, <u>Adjusted Target Cost & Award Fees</u>. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, <u>Incentive Fee</u>.

		Table B-1				
	Contract Value					
Contract Period Estimated Cost* Award Fee** Incentive Fee*** Co						
Base Period				Contract Value		
03/01/03 to 9/30/07		4		\$146,324,3 41		
Option 1	1		-	ψ110,024,041		
10/01/07 - 9/30/08	•			71,732,759		
Option 2				11,702,700		
10/01/08 - 9/30/09				91,124,743		
Option 3				01,124,140		
10/01/09 - 9/30/10				22,583,726		
Option 4				22,303,720		
10/01/10 - 9/30/11						
Option 5	_					
10/01/11 - 9/30/12	_					
Totals:				331,765,569		

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

			PAGE (OF.
CONTINUATION SHEET	NAS1003006/000	117	2	2

NAME OF OFFEROR OR CONTRACTOR

identified in Attachment ward Fee and Incentive Fee. is updated to reflect ding and contract value. TTACHMENTS; Attachment ward Fee and Incentive ect the most current value on the contract. The ders listed in contract eby incorporated by hanges shall be made to rate the above attached revised page 5. attached revised page 7. attached and 13.2 with the attached and 13.2.	(C)	(D)	(E)	(F)
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	Tab	le B-2			
,	Adjusted Target (Cost & Award	Fees		
Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03 `			-	92	Excellent
CY2 10/01/03 - 9/30/04			-	92	Excellent
CY3 10/01/04 - 9/30/05	_		•	95	Excellent
CY4 10/01/05 - 9/30/06	_			97	Excellent
CY5 10/01/06 - 9/30/07				96	Excellent
Option 1					
CY6 10/01/07 - 9/30/08				97	Excellent
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					-
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					
*Adjusted target cost equals within each contract year.	the sum of the ad	ljusted target c	osts for all tas	k orders	sissued

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds wil cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

			CONTRACT FUND			
-		T	FUNDING	T T	Adequate	
0	Catimated	Award	Incentive	Total Cost	through	Contract
Contract	Estimated Cost	Fee	Fee	& Fee	date	Value
Mod	Cost	ree	1 1 66	\$4,334,267.00	4/30/2003	\$4,334,267
1 2	-		,	\$2,208,012.00	5/30/2003	\$2,208,012
4	_			\$1,629,276.00	7/11/2003	42,200,0 1.2
5	-			\$1,246,169.00	8/4/2003	
6	•			\$1,813,245.00	9/3/2003	\$8,339,265
$\frac{3}{7}$	-			\$3,302,408.00	10/17/2003	40,000,=00
8	•		•	\$2,203,787.00	11/21/2003	\$2,097,273
9	-			\$130,141.00	11/21/2003	4 2,000,100
10				\$2,141,294.00	1/2/2004	\$11,453,640
11				\$1,583,310.00	2/6/2004	4 , ,
12				\$0.00		(\$51,803)
13				\$3,073,269.00	4/5/2004	
14		1		\$0.00		\$4,835,575
15			-1	\$1,375,467.00	4/23/2004	
16	-			\$1,801,848.00	5/27/2004	
17	-			\$1,721,746.00	6/18/2004	
18	-			\$0.00		\$3,048,651
19	=			\$1,231,987.00	7/8/2004	
20	_		H	\$76,995.00	7/9/2004	
21				\$1,373,128.28	8/6/2004	
22				\$4,713,281.00	9/30/2004	
23				\$641,201.00	10/8/2004	\$4,564,822
24				\$1,752,924.00	11/12/2004	
25				\$604,026.00	11/16/2004	
26				\$3,932,993.27	12/30/2004	\$4,200,702
27				\$119,745.00	12/30/2004	
28	•			\$948,552.00	1/28/2005	
29				\$1,077,515.00	2/9/2005	\$15,081,736
30				\$0.00		(\$566,966)
31				\$1,281,558.00	3/8/2005	
33				\$6,084,443.00	5/31/2005	
34				\$3,075,139.00	7/15/2005	\$1,277,695
35				\$2,701,938.00	8/12/2005	
36	•			\$706,755.00	8/19/2005	
37	_			\$1,526,845.00	8/28/2005	
38	-			\$227,000.00	8/29/2005	\$6,846,822
39	-			\$3,113,040.00	9/30/2005	
40	-		-	\$2,599,032.01	10/31/2005	

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Table B-4
CONTRACT FUNDING

			FUNDING			
					Adequate	
Contract	Estimated	Award	Incentive	Total Cost	through	Contract
Mod	Cost	Fee	Fee	& Fee	date	Value
42				\$1,855,902.00	11/30/2005	
43				\$2,543,573.00	12/31/2005	
44				\$580,749.00	12/31/2005	
45				\$838.00	12/31/2005	
46				\$1,637,463.00	1/9/2006	
47						\$15,953,809
48	*** · ·			\$1,259,705.00	1/20/2006	
49						(\$61,865)
50				\$2,275,490.00	2/24/2006	
51				\$1,462,053.00	3/31/2006	
52				\$1,784,268.00	5/1/2006	
53				\$10,226,337.00	8/11/2006	
54				\$3,895,797.00	8/30/2006	\$15,219,265
56				\$3,504,780.00	9/11/2006	
57				\$3,013,593.00	9/22/2006	
58				\$73,104.00	9/22/2006	
59						\$6,219,674
60				\$3,158,154.00	9/28/2006	
61				\$1,329,315.00	9/29/2006	
62	•			\$4,121,458.00	11/17/2006	
63				\$1,970,247.00	11/24/2006	
64				\$603,611.00	12/1/2006	
65				\$1,062,160.00	1/8/2007	\$32,796,779
67				\$10,827,778.00	3/30/2007	
68				\$9,284,097.00	6/29/2007	
69						\$14,965,848
70				\$6,679,750.00	8/17/2007	
71				\$4,706,899.00	9/3/2007	
74			***************************************	\$12,148,359.00	9/17/2007	
75			****	\$1,047,433.00	9/17/2007	
76						\$9,337,508
77				\$1,174,244.00	9/24/2007	40,000,1000
78				\$367,398.00	9/28/2007	·
79				\$2,309,857.00	10/19/2007	
82				\$2,078,035.07	10/26/2007	
83				\$733,854.00	11/2/2007	
84				\$5,461,470.00	1/4/2008	
85				\$2,432,521.00	1/18/2008	
86				72,,		\$63,321,600
88				\$5,772,499.00	2/22/2008	Ψου,υΣ 1,υυυ

Page 13.1

Table B-4 CONTRACT FUNDING

,			FUNDING		,		
1.					Adequate		
Contract	Estimated ,	Award	Incentive	Total Cost	through		Contract
Mod	Cost	Fee	Fee	& Fee	date		Value
90	_			\$5,756,533.00	4/8/2008		
91	<u>.</u>			\$170,456.00	4/9/2008		
92	•			\$11,003,383.02	6/10/2008		
94				\$8,425,852.00	8/3/2008		
95				\$4,847,173.01	8/31/2008		
98				\$5,437,630.09	9/5/2008		
99			·			\$	22,129,721
100				\$7,531,191.00	9/19/2008		
101		_		\$3,460,217.00	9/30/2008		
103	_	· · · · · · · · · · · · · · · · · · ·		\$7,378,723.03	10/20/2008		
104				\$7,496,106.00	11/26/2008		
105	•	_		\$5,662,666.00	12/22/2008		
107		_		\$252,473.00	12/23/2008		
108		_		\$4,685,977.00	1/21/2009	\$	67,267,112
109						\$	10,473,217
110				\$14,747,721.44	4/10/2009		
112				\$5,884,356.00	5/22/2009		
113				\$89,047.00	5/22/2009		
115				\$4,267,141.01	6/12/2009	****	
116				\$1,463,725.35	6/22/2009		
117				\$1,606,524.00	6/30/2009	\$	6,473,210
Total				\$277,902,022.67	6/30/2009	\$3	31,765,569

Page 13.2

Base Peri	Base Period Task Order Summary		Summary					
Task Order		·	Adjusted Target Labor	Other Direct				
C=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00001 C	Rev B	60 Day Transition Task Order						\$0
00002	CY7 Rev A	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						\$2,976,167
00003 C 00004 C	Basic CY4 Basic	Corrosion Resistant Tubing Applied Physics Infrastructure Support						\$36,077
00004 C	CY5 Rev D	Applied Physics infrastructure Support Corrosion Test-bed						\$114,389
00006 C	CY5 Rev F	Chemical Instrumentation & Process Lab Infrastructure						\$1,325,954
00007 C	Rev B*	Hydrogen Peroxide Decomposition						\$1,614,938 \$54,000
00008 C	Rev A	Galvanic Coatings for Protection of Concrete						\$31,150
00009 C	CY2 Basic	Army Corrosion Retardant Additive Testing						\$53,375
00012 C	Rev B	Ionic Liquids						\$27,999
00013 C 00014 C	CY3 Rev B CY 2 Rev B	Corrosion Detection, Prediction and Prevention OTV Modernization						\$398,785
00015	CY7 Rev B	Communications Engineering Infrastructure						\$396,690
00016 C	CY2 Basic	Network Architecture & Routing Protocols						\$2,257,213 \$272,838
00017 C	Basic	KSC LAN Documentation and User Guides						\$13,868
00018 C	CY4 Rev B	Advanced Communications Development						\$1,040,308
00019 C	CY4 Rev C	Fiber Optics Lab Projects						\$1,867,723
00020	CY7 Rev A	IT Systems & Security Technologies						\$2,694,139
00021 C 100022 C	CY2 Rev A Basic	Network Service Level Assessment (NSLA)						\$124,485
00022 C	Basic	Ultra Wideband (UWB) Commincation Technology Remote Monitoring and Alarm System (RMAS)						\$35,905
00024 C	CY1 Basic	Emergency Broadcast Cable TV Alert System						\$42,053 \$4,945
00025 C	Rev A	Halon Replacement						\$34,000
00026	CY 7 Basic	Electrostatics and Materials Physics Testbed						\$386,878
00028 C	CY2 Rev B	Electrostatic & Surface Physics R&D						\$89,225
00029 C	Basic	Payload Contamination Monitoring						\$37,078
00030	CY7 Basic	Development of KSC Infrastructure Documentation						\$470,160
00031 00032 C	CY7 Rev A CY4 Basic	Miscellaneous Operations Support Proof-of-Concept Support						\$484,993
00032 C	CY7 Rev A	LETF & Instrumentation O&M						\$1,141,736
00034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						\$8,233,818 \$1,323,135
00035 C	CY3 Basic	LOX Pump Qualification Testing						\$302,431
	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						\$453,170
00038 C	CY3 Rev A							\$1,461,308
00039 C	Basic	PGHMA Enhancements and Technical Support						\$33,043
00041 C 00042	CY3 Rev B CY7 Rev C	Systems Engineering (NGLT)						\$1,246,624
00042	CY7 Rev A	Engineering Technical Services Support & CAD/CAE Support Innovative Partnership Program Office Support						\$2,445,467
00044 C	Rev A	ARTWG/ASTWG Integration and Conference Support						\$3,869,539 \$15,333
00045	CY7 Basic	Specifications, Standards, and Kennedy Documented						\$15,333 \$328,787
00046 C	CY6 Rev. B	ISS Support Equipment Fabrication, Integration, and Testing						\$220,856
00047 C	CY3 Rev A	Beach Corrosion Data Acquisition System Support						\$102,811
00049	CY7 Rev B	LETF Shuttle Operations Testing Support						\$2,658,267
00050 C 00051 C	Rev A CY6 Rev A	Hazardous Gas Detection System (HGDS) 2000 GSE Controls Integration						\$119,440
00051	CY7 Basic	Command and Control Laboratory Infrastructure						\$3,171,233
00053 C	Basic	Upgrade Hypergol Flow Meters Support						\$2,205,147 \$8,385
00054	CY7 Basic	SSPF Transducer Laboratory Support						\$228,413
00056 C	CY4 Rev B	Shuttle Transducer Development						\$838,187
00057	CY7 Rev A	Shuttle Transducer Obsolescence						\$3,168,908
00058 C	CY2 Basic	In-Situ Pressure Calibration System						\$34,056
00059 C 00060 C	CY4 Rev A Basic	NIST Traceable Portable Pressure Standard						\$206,872
00061 C	Rev A	Acoustic Scaling Methodologies Advanced Hazardous Gas Detection System Development						\$15,686
00062 C	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						\$116,285
00063	CY7 Rev D	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$74,772 \$4,290,748
00064 C	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						\$4,290,748 \$266,493
00070	CY7 Rev A	SBIR/STTR Support						\$833,929
00071 C	CY3 Rev B	LETF DOD Load Testing Support						\$574,731
00072 C	CY2 Rev A	E-nose for ISS and EVA						\$77,821
00074 C 00076 C	CY 2 Basic Basic	Technical Documentation Database System						\$133,838
00078 C	CY2 Basic	Laser Processing of Spaceport Materials Capcitance Based Sensors						\$37,733
00078 C	CY3 Basic	NGLT Project Management Support						\$64,374 \$694,745
00080 C	CY6 Rev A	Software Process Improvement Effort						\$616.316
00081	CY7 Rev A							\$740,987

	od Task Order	Summary			Su	mmary		
Task			Adjusted					
Order			Target Labor	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fe
-Closed		Title	Costs	Costs	I otal Estimated Cost	AWaru ree	incantive ree	\$203
082 C	CY2 Rev A	Flight Modern Project						\$939
083	CY7 Rev A	Electronics Infrastructure						\$1,351
084	CY7 Rev B	Range Infrastructure						\$146
085	CY7 Basic	Weather Projects Support						\$1,351
86	CY7 Rev C	Autonomous Flight Safety System (AFSS)						
087	CY7 Rev B	Emerging Communication Technology (ECT)						\$2,629 \$1,489
88 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						
189 C	CY2 Rev B	Intelligent Cable Tester						\$196
90 C	CY3 Rev B	KCCS Infrastructure Conversion						\$1,570
191 C	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$1,110 \$1,110
92	CY7 Basic	NAVAIDS Flight Inspection System Development						
193 C	CY2 Rev A	Airborne Particle Counting						\$13 ⁻
194	CY7 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						\$1,70
)96 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$7
98 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II						\$11
99 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						\$19
02	CY7 Basic	Agency Security Update Service (ASUS)						\$2,08
05 C	Basic	Failsafe Jackscrew						\$2
11 C	Basic	Closed-end Launch Tube (CELT) Pruematic Launch Assist						\$2
15 C	CY3 Basic	Carmera Measurement System for Payload Positioning at Pads						\$28
119 C	Basic	WB TAU Certification for Flowliner						\$1
20 C	Basic	Cryolab Oxygen Monitor						\$2
121 C	Basic	Fire Detection Evaluation						\$1
122 C	Basic	Support Equipment Coating Study						\$
123 C	Rev A	RWGS					~.	
125 C	CY4 Rev A	Minature Smart Leak Sensor						\$33
26 C	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						\$8
127 C	Basic	Spaceport Processing System LPS Survivability Task						\$3
131 C	CY3 Rev B	KSC BTU Measurement System						\$19
132 C	CY2 Rev B	Development of Portable Hydrazine Detector						\$9
	Rev B							\$36
134 C		STS-107 Investigation Support Hydrazine Detection Systems (Mini Mass Spectrometer)						\$5
135 C	CY5 Rev. A							\$4
137 C	CY2 Rev A	Modeling of Advanced Physics Concepts						\$16
140 C	CY2 Rev A	Thermal Insulation System Retrofit						\$87
141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						\$15
142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor			•	411100	1	\$3
143 C	Basic	Systems Engineering Tools Assessment						\$4
144 C	CY 2 Rev B							\$12
145 C	CY 2 Rev B							\$5
146 C	Rev A	ELV Lightning Detection Support						\$33
147 C	Basic	Orbital Space Plane (OSP) Project MGMT Support						\$8
148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						200
		Day of the Day of the National Communication						\$11
	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						\$7
	Basic	Remote Imaging of Hydrogen and Helium Leaks						\$24
151 C	CY 2 Rev B							30C4 \$
	Basic	Long Distance Transfer Piping						\$38
	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						
154 C		OTV System Modernization						\$4
155	CY7 Basic	LSP Instrumentation Support						\$10
156 C	CY 2 Rev C							\$1
157 C	Basic	Seawater Immersion Facility Support						\$1
158 C	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF						\$1,02
159 C	CY4 Rev B	Millimeter Wave Imaging Support						\$3
160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						Ş:
161 C	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						:
162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						\$
163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support						\$33
164 C	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						\$
165 C	CY2 Basic	RF Health Node						\$23
166 C	CY2 Rev C	Hazardous Environment Equipment Upgrades						\$6
168 C	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						\$
169 C	CY2 Basic	ELV GN2 Pressure Reducing Panel						\$
170 C	CY2 Rev C	ATDC Engineering Study and Implementation Plan						\$2
	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support			•			\$5
	UIL DasiC							S
171 C	CV2 Pacin							
171 C 173 C		LPS Operations and Maintenance Support						
171 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						\$10 \$10 \$1

Task Order CarClosed
Revision
| Ontra C CY2 Rev A | Hyper Spill Detection System |
| Ontra C CY2 Rev E | Polymide Wire Insulation Repair Material |
| Ontra C CY2 Rev E | New Microencapsulated Membrane Summary

Adjusted
Target Labor Other Direct
Costs Costs Total Estimated Cost Award Fee

Incentive Fee

Total Cost & fee \$41,109 \$98,761

\$82,174

Base Perio	od Task Orde	r Summary			Su	mmary		
Task			Adjusted					
Order C=Closed	Revision		Target Labor	Other Direct				
	CY2 Rev B	Title Small Autonomous Mass Spectrometer (SAMS)	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00182 C	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						\$199,900
	CY2 Basic	Vision Location System Research						\$72,342
	CY2 Rev A	LASER Repair Applications						\$69.880
	CY2 Rev B	Electro-Optic Electric Field Measurements						\$10,540 \$81,044
00186 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						\$84,666
00187	CY7 Rev A	Hazardous Gas Detection Applications						\$3,592,042
	CY2 Rev A	Intelligent Algorithms						\$73.690
	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						\$72,173
00190 00193 C	CY7 Basic CY2 Basic	Development Systems Support for SPS Development Lab						\$1,832,913
	CY3 Rev C	Knowledge Management for Ground Processing Impact Penetration Sensor System for RC & Lt900 Tile						\$45,064
	CY4 Rev A	Return to Flight Ground Camera Project						\$483,851
	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise						\$2,771,082
	CY4 Rev A	Ground Processing Shop Aids and Tools						\$560,916 \$649,470
	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						\$649,470 \$3,161
	CY4 Rev C	Launch System Testbed O&M						\$257,116
	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						\$305,484
	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						\$30,212
	CY2 Basic	Development of Acoustic Estimate Tool						\$22,500
	CY2 Rev A CY5 Rev B	Liquid Hydrogen Test Station at Cryogenic Testbed						\$10,455
	CY3 Rev C	Formulation of Polymer Materials for ESD & Flame Retardency Ablator Impact Testing						\$74,507
	CY3 Rev A	Wireless Networks and Sensors						\$1,606,655
	CY2 Rev B	ESS Wireless Network Installation						\$53,784 \$14,865
	CY4 Rev A	Constellation Project Management & System Engineering			***********			\$14,865 \$5,177,065
00211 C	CY2 Basic	System Administrator Certifications						\$5,177,065 \$9,245
	CY4 Rev A	PCG2 System Support						\$261,140
	CY5 Rev D	Concurrent Technology Corporation (CTC) Coupon Study						\$70,686
	CY2 Rev A	HyTEX RF Health Node						\$26,486
	CY3 Rev B CY5 Rev A	NGLT Systems Analysis Project Systems Engineering						\$139,680
	CY5 Rev A	NAVAIR Coatings Study ASTWG/ARTWG Conference Support						\$79,188
		Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						\$27,412
00220	CY7 Basic	Non-Governmental VCS's and Standards						\$29,106 \$189,249
	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						\$189,249 \$248,440
	CY5 Rev A	NESC Technical Support						\$246,44C \$167,388
	CY2 Basic	Coriolis Flow Meter Testing						\$13,058
	CY3 Rev B	SLF ATCT Equipment and Cable Installation						\$27,567
	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						\$22,254
	CY4 Rev B CY3 Rev B	Detection & Measurement of Water in Spaceflight Materials NOAA-A GN2 Cooler System Documentation						\$134,652
	CY4 Rev A	De-painting Technology for Structural Steel						\$242,542
	CY5 Basic	Polyurethane Replacement Coatings						\$100,964
00231 C	CY4 Rev A	Intergated Intelligent Health Management System (OSF)						\$250,843
	CY4 Rev B	Self Validating Thermocouple System						\$213,854 \$114,476
	CY3 Rev C	Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval						\$346.830
	CY2 Rev A	Environmental Monitoring Support						\$9,259
	CY3 Rev A	System Component Selection Tool Demonstration Project						\$65,048
	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						\$18,000
	CY2 Rev A CY3 Rev A	Hypergolic Trigger Level Sensor Debris Recognition - Company Image Analysis						\$2,520
	CY3 Rev C	Debris Recognition Camera Image Analysis Cost Efficient Storage and Transfer (CESAT)						\$365,747
	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						\$1,933,006
	CY4 Rev A	Boeing Space Station Support						\$4,831
	CY3 Rev A	Usability Study of Virtual and Simulation Environments						\$9,084 \$77,757
	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development						\$77,757 \$73
	CY3 Rev A	Construction and Demolition Debris Characterization	 .	40.				\$73 \$0
	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation						\$808,867
	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						\$12,423
		Hydrazine Leak Detector Test for CALIPSO						\$12,420
	CY4 Rev A	Chemical Vapor Detection Expertise						\$147,978
	CY4 Rev A CY3 Rev E	Analytical Instrumentation Expertise Wire Insulation and Membrane Expertise						\$66,141
		Vibration Test Facility Operation & Maintenance Infrastructure						\$291,031
	CY5 Basic	Electrostatics and Surface Research						\$96,476
	CY5 Rev B	Environmental Remediation Expertise						\$767,609
		NESC SRB Stud Hang-up Testing						\$325,779 \$1,342,932
100200	O THE FIRM	vices our sign until his traiting						\$1,342

i ask Order		
C=Closed		Title
00260 C	CY3 Rev A	Thermal and Fluids Analysis Workshop Support
00261 C	CY4 Basic	Commodity-Free Calibration
00262 C	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan

Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee \$33,684 \$143,662 \$119,995

		· C	Summary					
Task	d Task Order	Summary	Adjusted Target Labor	Other Direct		•		
Order	Revision	Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
C=Closed 00263 C	CY5 Rev A	Physics of Rocket Exhaust Cratering						\$113,194
00264 C	CY3 Rev E	Independent Technical Engineering Analaysis Support						\$77,020
00265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft						\$178,466
00267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections						\$115,001
00268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development						\$74,847
00269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support						\$25,837
00270 C	CY5 Rev. A	·						\$24,317
00271 C	CY3 Rev D	Cryogenic In-line Flow Sensor						\$33,910
00272 C	CY3 Rev A	Portable, Hand-held Window Inspection Device						\$76,999
00273 C	CY4 Baselin	e Cryogenic Applications of Shape Metal Alloy Technology						\$94,987
00274 C	CY3 Rev A							\$29,313
00275	CY7 Basic	CTC Program Support						\$602,749
00276 C	CY 4 Basic	SOLLO Installation Support						\$42,931
00277 C	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project						\$224,364 \$185,389
00279 C	CY5 Rev B	KSC Network Device Registry System						\$99,867
00280 C	CY3 Basic	Wireless Sensor Networks						\$99,946
00281 C	CY3 Rev B	Advanced Cable Tester Development						\$638,713
00282 C	CY4 Rev A	RESOLVE						\$384,997
00283 C	CY3 Rev C							\$30,333
00284 C	CY3 Rev A							\$80,262
00285 C	CY4 Rev A							\$202
00286 C	CY3 Rev A							\$43.977
00287 C	CY4 Rev B	Dust Particle Mitigation						\$91,941
00288 C	CY4 Rev A	ISHM Testbed and Prototypes						\$40,054
00289 C	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mtr						\$9,955
00290 C	CY3 Basic	ESS Wireless Network Installation						\$54,147
00291 C	CY3 Basic	Nano-Tube H2 Gas Sensor						\$92,550
00292 C	CY4 Rev A	Signal Conditioning for Nan Sensors						\$25,159
00293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing						\$51,851
00294 C	CY5 Basic	EZVI Materials testing						\$181,999
	CY3 Rev A							\$371,216
00296 C	CY6 Rev B							\$383,216
00297 C	CY6 Rev. C							\$143,49 7
00298 C	CY6 Rev D	VAB Siding Coatings Testing						\$20,820
00299 C	CY3 Basic	Black Powder Phenomena Study						\$33,658
00300 C	CY3 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						\$9,159
00302 C	CY5 Basic							\$22,347
00303 C	CY5 Rev. B CY4 Rev B							\$88,813
00305 C	CY4 Rev B							\$76,097
00306 C	CY4 Rev A							\$15,734
00307 C	CY5 Rev A							\$266,949
00309 C	CY4 Basic							\$38,179
00310 C								\$752,828
00311	CY7 Basic							\$3,648,222 \$79,066
00312 C								\$79,066 \$130,036
00314 C		Near Field MSBLS Navset Development						\$130,026 \$182,428
00315 C								\$4,396,870
00317	CY7 Basic							\$93,136
00318 C	CY5 Rev A	Active Ice Mitigation Technologies						\$43,745
00319 C		Advance Technology Development Center Support						\$424,257
00320 C								\$24,063
00321 C	CY4 Rev A							\$264,772
00322	CY6 Rev A							\$25,000
00323 C	CY4 Basic							\$30,775
00325 C	CY5 Rev A	Evaluation of USMC Hatch Covers						\$17,873
00326 C		SETI Migration						\$1,678,255
00327	CY7 Rev A							\$304,526
00328	CY7 Basic							\$185,188
00329 C								\$39,318
00330 C								\$8,640,647
00331 C		Constellation Engineering Support						\$74,537
00332 C								\$188,788
00333	CY7 Basic							\$23,393,915
00335	CY7 Rev	A LETF Constellation Program Support						

Base Perio	ase Period Task Order Summary			Summary						
Task Order			Adjusted Target Labor	Other Direct						
C=Closed	Revision	Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee		
00336 C	CY4 Rev A	MU Simulator						\$45,004		
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						\$85,012		
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development						\$80,014		
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings						\$89,800		
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems						\$75,000		
00342	CY7 Basic	Oxygen Production by Molten Salt						\$1,984,212		

Base Perio	od Task Orde	r Summery			Su	mmary		
Task			Adjusted					
Order			Target Labor	Other Direct				
C=Closed 00343		Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00343	CY7 Rev A CY7 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						\$811,092
00345 C	CY7 Basic CY5 Rev C	Regolith Volatile Characterization Expertise						\$792,456
00346 C	CY5 Rev A	Black Powder Coalescing Filter Testing Ught Weight and Smart Materials for Exploration Applications						\$166,646
00347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						\$277,560
00348	CY7 Basic	IT Baseline Configuration Management Support						\$107,495
1	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node						\$500,423
	CY4 Rev C	Fault-Tolerant PLC-Based Controller						\$100,002
00351 C	CY5 Rev A	Solar Water Cracker						\$94,572 \$116,773
00352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering						\$115,002
	CY5 Rev B	NDE Super Problem Resolution Team Support						\$75,221
	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery						\$25,043
00355	CY7 Rev E	Bimetalic Treatment System for PCB Removal						\$294,719
	CY5 Rev B CY4 Rev B	Lightning Protection System Design						\$373,870
00357	CY4 Rev B	EMDS Multiplexer Prototype Fabrication						\$29,755
	CY4 Rev B	KT Directorate Engineering Technical Services Support Lightning Monitoring System Support						\$196,522
	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						\$30,758
00362	CY7 Basic	Laboratory Relocation to SLSL						\$189,351 \$299,812
00363	CY7 Basic	Sonic Lightning Locator (SOLLO) LSP Project						\$299,812 \$495,085
	CY5 Rev C	Bird Abatement						\$376,568
00365	CY7 Basic	NASA-STD-5008A Revision Support						\$140,599
	CY7 Rev A	Operational Imaging Support						\$689,011
00367	CY7 Rev B	Consumables Transfer Technology Development Project						\$713,216
	CY7 Rev A	Geotechnical Testing with Lunar Soil Simulants						\$156,698
00369 00370	CY7 Rev A	Command, Control & Communication Development (CxP)						\$14,026,928
1	CY7 Basic	Command, Control & Communication PM/SE and I (CxP) Validation of CFD Analysis w/ LDV Test Data						\$3,854,551
	CY7 Rev A	Shuttle Transition and Retirement						\$60,010
	CY6 Rev B	Aerodynamic Environment Study of Launch Vehicle Base						\$1,050,949
	CY5 Rev A	3-D Scene Analysis						\$185,118
	CY5Rev. A	Capacitance Based Liquid Level Sensor						\$36,083 \$51,578
	CY4 Rev A	Landing & Recovery for Spacecraft & PL Processing (CxP)						\$32,500
	CY5 Rev A	Smart Networked Elements in support of IHMS Systems						\$121,220
00378	CY7 Rev A	Specifications and Standards - CxP						\$1,368,334
		ML Electrical Systems Support (Exploration Ground Systems)						\$1,030,513
	CY7 Rev A CY6 Rev B	SSPF Spacecraft and Payload - CxP Safety and Mission Assurance CxP Support						\$1,422,672
	CY7 Rev A	Constellation Business Management						\$1,066,969
	CY5 Rev B	Architecture of a Lunar Instrument						\$7,527,684
	CY5 Rev A	Window Inspection Technology Upgrade						\$26,268
00385	CY7 Basic	Constellation Project Configuration Management						\$107,981 \$4,186,989
	CY7 Basic	Command and Control ARES						\$954,644
	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication						\$42,847
	CY6 Rev B	Launch Coating Operations Support						\$36,535
	CY7 Basic CY5 Rev. B	CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi						\$16,256,940
	CY5 Hev. B CY7 Basic	ARES I-1 Pull-Off Umbillical Testing Preparations VAR High Ray Modification						\$1,054
		VAB High Bay Modification LCC Firing Room #1 Modification						\$2,490,420
		Hangar AF Modification						\$417,973
		Ares I-1 Pad B Integration						\$1,354,117
00396	CY7 Basic	Constellation LC-39B Integration						\$66,879 \$1,225,200
	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts						\$201,672
	CY7 Basic	CLV Mobile Launcher (ML) Project Management						\$1,130,333
		Window Defect Inspection Device						\$377,756
		USTDC Design and Development Support						\$3,221,858
		Advanced Communications Development Laboratory Support						\$68,156
	CY6 Rev B CY6 Rev B	Simulation and Analysis of Launch Teams (SALT) LSE Communications System Support						\$91,660
1	CY6 Rev A	Application of Dust Screen Electrodes						\$354,237
		Electrostatic Characterization of Lunar Dust						\$81,848
		Impregnation of Lunar Simulant with SEZVI						\$94,014
		Low Temp Processing of Lunar Regolith to Produce O2						\$3,028
	CY7 Basic	O2 Production System Modeling						\$0 \$235,201
00410	CY7 Rev A	Integration Support to Const (CxP) Ground Syst Development						\$6,342,705
								30,072,100

Task Order		
C=Closed	Revision	Title
00411 C	CY5 Rev B	Cryogenic Tank Insulation Test Support
00412	CY7 Rev B	Dust Mitigation
00415	CY6 Rev B	NASA Consolidation of Active Directory Support
00416 C	CY6 Rev A	Coatings Support
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Senso
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arra

		Sı	ımmary		
Adjusted Target Labor	Other Direct				
Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
					\$9,330
					\$1,021,466
					\$157,802
					\$37,177
					\$186,934
					\$71,065

Task Order								
Ondon			Adjusted					
			Target Labor	Other Direct				
C=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
	CY5 Rev B	LIVIS-CWLIS Performance Analysis						\$47
	CY7 Rev A	Multi-Mission Support Equip (MMSE) For CxP						\$1,591
0422	CY7 Basic	Non-Destructive Evaluation Technologies Development						\$265
0423	CY7 Rev B	Pad B Elec Syst Formulation Supp Exploration Ground Syst						\$8,018
0424 C	CY5 Rev C	S&MA Support for Cornand, Control & Communications						\$251
0425	CY7 Basic	CLV ML Fluid Systems						\$14,083
0426	CY7 Rev A	Electrical and Control & Data Division EDL Lab Support						\$4,121
0427 C	CY6 Rev B	Solar Thermo Molecular Sieve H2/O2 Production						\$100
	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.						\$85
0429	CY7 Basic	Data Presentation and Visualization						\$1.848
0430 C	CY6 Rev C	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst						\$44
0431 C	CY6 Rev A	Digital Image Inspection for Spacecraft Processing						\$83
0432 C	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks						\$95
0433 C	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology						\$80
	CY6 Rev A	AR7 Coating Replacement						\$94
	CY6 Rev A	Polyimide Based Powder Coatings						
	CY5 Rev C	GN2 Filtration Using Electrostatic Methods						\$61
	CY6 Rev A	IR Leak Visualization						\$26
	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst						\$90
	CY7 Rev A	IPP Ground Operations Health Management						\$20
	CY7 Basic	IPP Self-Healing Wiring						\$156
	CY5 Rev A	Fluid Dynamics Conference Manuscript						\$131
	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)						\$20
	CY7 Basic	IPP Nanosensors						\$95
	CY7 Rev A							\$147
		White Light Interferometric Depth Gage						\$291
	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification						\$20
	CY7 Rev A	Hypergol Detection						\$137
	CY7 Basic CY6 Rev B	PC Based Command & Telemetry Workstation						\$235
		Coastal Radar Video Surveillance System						\$50
	CY7 Basic CY5 Rev B	CTC Equipment Obsolescence Implementation						\$1,230
	CY7 Rev A	Experimental Imaging Lab Infrastructure						\$66
	CY5 Rev A	ML Electrical Sys. Supp. for Constellation Ground Sys.						\$12,676
		ATM Transmission System Replacement						\$129
		Hubble Service Repair Mission ESPL Support						\$106
	CY7 Basic	Materials Science Lab Support						\$241
	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support						\$5,177
	CY7 Basic	Engineering Analysis for Constellation						\$201
	CY7 Basic	TEERM and AFSPC Program Support						\$83
	CY7 Rev A	Mimally Intrusive Repair, Detection, and Self-Repair Systems						\$1,093
	CY7 Rev A	Smart Coatings for Corrosion Detection and Control						\$1,060
	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity						\$15
	CY6 Rev C	Technology Investment in Cryogenic Applications						\$35
	CY6 Rev B	Optical Properties of Lunar Soil Erosion						\$26
	CY6 Rev B	NASA Lessons Learned Program Support						\$230
	CY7 Rev A	Polymer Science and Technology Lab Support						\$186
	CY6 Rev D	Electrostatic Research on Martian Soil						\$72
0470	CY7 Rev C	Excavation Hardware Development						\$488
	CY7 Rev A	Lunar Soil Dust Standards Development						\$92
0472	CY7 Rev A	IT System Services infrastructure						\$632
0473	CY7 Basic	US Army Vehicle Coating Study						\$6
0474 C	CY6 Rev B	CLV/VEV Processing & Access GSE in the VAB						\$286
0475 C	CY6 Rev C	Hangar AF GSE for CxP						\$875
0476	CY7 Rev C	KSC Hydrogen Dispensing Station						\$3
	CY7 Rev B	Corrosion Labs						\$549
	CY7 Rev C	Applied Chemisty Labs Infrastructure						\$72:
	CY6 Rev B	Cryogenic Test Lab Operational Support Initiatives				•		
	CY7 Basic	System(s) @ LC398						\$4:
	CY7 Rev A	ISRU Beneficiation						\$5
	CY7 Rev A	Heatshield Adapter						\$20
	CY6 Rev C	ATXS Replacement Support						\$69
	CY7 Basic	ARL Coatings and Corrosion Research						\$27
	JII Dasic							\$37
	CV7 Basia							
D48 5	CY7 Basic	S&MA Products for CxP Subsystem Development						
0485 0486	CY7 Basic CY7 Rev B CY7 Basic	Design Engineering Handbook XPS Support						\$8,544 \$884 \$31

Task Order C≃Closed	Revision	Title
00489 C	CY7 Rev A	Excavation Modeling System
00490	CY7 Rev C	ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Dem
00492 C	CY6 Rev B	Infrared Camera-Based Fire Detection
00493	CY7 Basic	Remote Measurements of Glass Defects
00494 C	CY7 Rev A	PELT Sensor - Phase 2

		Sı	ımmary		
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
					\$75,54
					\$403,098
					\$111,28
					\$49,44
					\$80,83
					\$100.72

Base Peri	od Task Orde	or Summary Summary						
Task Order		·	Adjusted	Other Direct		пъна у		
C≕Closed	I Revision	Title	Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee		
00495	CY7 Rev B	ISRU Systems Demo - ROXYGEN	00018	COSE	TOTAL ESCHIMENCE COSE	AWARD Fee	Incentive Fee	Total Cost & fee
00496	CY7 Basic	CNT Ink for Dust Mitigation						\$324,158
00497	CY7 Rev A	LX-C & UB Special Spt for CxP						\$125,332
0049B C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements						\$396,869
00499	CY7 Rev A	Electro-Magnetically Actuated Ball Valve Development						\$186,620
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor						\$72,020
00501	CY7 Basic							\$143,946
00502	CY7 Basic	Software Process Improvement						\$312,783
00502 00503 C	CY6 Rev A	Physics Concepts Support						\$44,255
00504	CY7 Rev A	Non-Hazardous Hydrazine Neutralization						\$25,153
		Cryo & Fluids Technology Focus Areas Support						\$201,108
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad						\$75,807
00507 C	CY6 Rev B	Helium Sensing & Purge Gas Reclamation						\$32,703
00508	CY7 Rev A	GMRO Lab Infrastructure Support						\$67,626
00509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support						\$1,405,387
00510	CY7 Rev A	New Materials for Structural Composites and Conductive Coat	-					\$44,629
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings						\$47,715
00512 C	CY6 Rev F	Online Wiring Diagnostics						\$60,436
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating						\$100,004
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment						\$5,815
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.						\$5,615 \$120.084
00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.						
00522 C	CY7 Rev A	Composite Conductors for Lightning Strike Mitigation						\$83,303 \$9,999
00524	CY7 Basic	NASA Materials Science WCSP/WCSD Server Sys. Admin.						
00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II						.\$77,572
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware						\$84,463
00527	CY7 Basic							\$85,294
00527		NASA Engineering (NE) Information Security Protection						\$1,198,001
	CY7 Basic	Parallel Cryogenic Pumping Capability						\$80,202
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						\$80,153
00531	CY7 Basic	Integrated Ground Systems Diagnostics						\$174,874
00532 C	CY6 Rev C	Flow Detection System for WCCS						\$72,696
00533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM						\$81,011
00534	CY7 Basic	Cryogen Storage in Aerogel Composites						\$75,780
00535	CY7 Basic	Low VOC Topcoats for Thermal Spray Coatings						\$50,406
00536	CY7 Basic	Mars Architecture Team (MAT) Study						\$15,011
00537 C	CY6 Rev A	Crawlerway Foundation Study			. 			\$13,199
00538	CY7 Basic	PAD 39B CLV LH2						\$433,561
00539	CY7 Rev A	NDE Techniques for Monitoring Fairings						\$58.088
00540	CY7 Basic	Aerocoat AR-7						,
00541	CY7 Basic	Orion SPE Fluid Systems						\$55,263
00542	CY7 Basic	Fluid Systems (CxP) Integration Support						\$2,260,813
00543	CY7 Rev A							\$290,383
		LSP Facilities Project Management Support						\$126,118
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						\$15,310
00546	CY7 Basic	Software Development for Rapid Propellant Loading						\$534,300
00547	CY7 Rev A	Rapid Loading Cryo Systems for Simulated Launch Vehicle						\$1,474,872
00548	CY7 Basic	Refractory Materials for Flame Deflector Protection System				=		\$480,136
00549	CY7 Rev A	Ares I-X Stack-5 Ground Support Equipment						\$360,807
00550	CY7 Basic	LETF Constellation Test Support						\$49,061
00551	CY7 Basic	Coastal Radar Video Surveillance System Installation						\$715,357
00552	CY7 Rev A	S&MA Level IV Support for the Constellation Ground Systems						\$1,627,706
00554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems						\$52,211
00556	CY7 Rev A	NASA PH-N Logistics Engineering Support						\$619,009
00557	CY7 Basic	ESTCP Coating Test						\$21,052
00558	CY7 Basic	Dust Mitigation for Solar Panels						
00559	CY7 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						\$102,787
00560	CY7 Basic	MPPF Upgrade CxP Project Support						\$73,359
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System						\$215,101
00562	CY7 Basic							\$54,385
		Aerogel Structural Insulation for Cryogenic Tanks						\$107,549
00563	CY7 Rev A	Descent Plume/Ejecta Analysis for Constellation						\$241,697
00572	CY7 Basic	Propellant Conditioning						\$31,584
00573	CY7 Basic	Constellation Logistics Support Analysis						\$3,464,651
00574	CY7 Rev A	VIE Handling and Access GSE Design						\$2,429,764
00575	CY7 Rev A	IT Communications System Support						\$406,573
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support						\$53,496
00577	CY7 Basic	Launch Vehicle Proccessing Business/Technical Resource						\$518,248
00578	CY7 Basic	ISS and Spacecraft Processing Support						\$607,237
		- ··						\$007,237

Dase Perio	od Task Orde	ег эшпипагу	L		S:	ımmary		
Task Order			· Adjusted Target Labor	Other Direct				
C=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
	CY7 Basic	Process Management Support for Crew Launch Vehicle						\$522.89
00581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						\$504,28
00584 C	CY6 Rev A	System Maintenance Engineering Support for TA						\$97
00585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						\$144.68
00586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						\$80,24
00587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						\$449,81
00588	CY7 Basic	Information Systems Division Support						\$1,023,00
00589	CY7 Basic	Smart Algorithms for Nano Sensor						\$1,023,00
00590	CY7 Basic	Connector Electrical Integrity Checks Using Ultrasonics						\$79,32 \$77,22
00591	CY7 Basic	VAB Firex FIC Design						\$89.46
00592	CY7 Basic	Solid Rocket Processing Element Support						\$218.52
00593	CY7 Basic	Helium Conservation						\$76.43°
00594	CY7 Basic	Iridium-Based Inert Anodes						\$33,58
	CY7 Basic	Recycling Methane Production						\$24,73
	CY7 Basic	Continuous Flow Sintering System for Lunar Surface Stabilization						\$45.55
00597	CY7 Rev A	New Organic Zinc Rich Primer for Launch Structures						\$39,63i
00598	CY7 Basic	In-Situ Propellant Conditioning						\$90,33
	CY7 Basic	Portable Hand-Position Orbiter Window Inspection Device						\$80,93
	CY7 Basic	Large Cryogenic Tank NDE Techniques						\$50,28
	CY7 Basic	Magnetic Excavation and Transport of Lunar Soils						\$50,26 \$51,72
	CY7 Basic	Propellants Management						\$366,50
	CY7 Basic	Online Cable Tester						\$217.59
	CY7 Basic	Regolith O2 Feedstock Excavation						\$119.20
00605	CY7 Basic	Lunar Implement Quick Attach Interface for Chariot						\$105,545
00606	CY7 Basic	Continuous Lunar Water Separation Process						\$80.60
00607	CY7 Basic	Lunar Dust Tolerant Quick Disconnect Connectors						,
00608	CY7 Basic	Investigation and Modification of Hypergolic Indicating Wipes						\$275,485
00609	CY7 Basic	Launch Accessories Expert Support						\$49,942
00610	CY7 Basic	Non Destructive Evaluation/Inspection Corrosion Under Paint						\$445,395
00611	CY7 Basic	Refractory Concrete						\$78,644
00614	CY 7 Basic	CxP Blast Mitigation Support						\$60,210
		TOTAL						\$79,61; \$341,082,366
		ADJUSTMENT TO ACTUALS						-\$9,316,789
			Contract Value		*****			\$331,765,57

Base Perio	od Task Order	Summary			ĊY	01		
Task			Adjusted		Total			
Order		1		Other Direct		Aurand Fan	incentive	Total Cost 8
C=Closed 00001 C	Revision Rev B	Title 60 Day Transition Task Order	Costs	Costs	Cost	Award Fee	Fee	fee
00002	CY7 Rev A	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						\$288.00
	Basic	Corrosion Resistant Tubing						\$36,0
00004 C	CY4 Basic	Applied Physics Infrastructure Support						\$18,8
00005 C	CY5 Rev D	Corrosion Test-bed						\$59,7
00006 C	CY5 Rev F	Chemical Instrumentation & Process Lab Infrastructure						\$86,4
00007 C	Rev B*	Hydrogen Peroxide Decomposition						\$54,0
0000BC	Rev A	Galvanic Coatings for Protection of Concrete						\$31,1
00009 C	CY2 Basic	Army Corrosion Retardant Additive Testing						\$40,2
00012 C	Rev B	Ionic Liquids						\$27,9
00013 C	CY3 Rev B	Corrosion Detection, Prediction and Prevention						\$109,7
00014 C	CY 2 Rev B	OTV Modernization						\$339,6
00015	CY7 Rev B	Communications Engineering Infrastructure						\$158,8
00016 C	CY2 Basic	Network Architecture & Routing Protocols						\$123,4
00017 C	Basic	KSC LAN Documentation and User Guides						\$13,8
00018 C	CY4 Rev B	Advanced Communications Development						\$339,0
00019 C	CY4 Rev C	Fiber Optics Lab Projects						\$762,6 \$373,2
00020	CY7 Rev A	IT Systems & Security Technologies						\$373,2 \$72,5
00021 C	CY2 Rev A	Network Service Level Assessment (NSLA)						\$35.9
00022 C	Basic	Ultra Wideband (UWB) Commincation Technology						\$42.0
00023 C 00024 C	Basic CY1 Basic	Remote Monitoring and Alarm System (RMAS) Emergency Broadcast Cable TV Alert System						\$4,9
00024 C	Rev A	Haion Replacement						\$34,0
00025 C	CY 7 Basic	Electrostatics and Materials Physics Testbed						\$25,7
00028 C	CY2 Rev B	Electrostatic & Surface Physics R&D						\$63.7
0028 C	Basic	Payload Contamination Monitoring						\$37,0
00029 0	CY7 Basic	Development of KSC Infrastructure Documentation						\$35.3
00030	CY7 Rev A	Miscellaneous Operations Support						\$115,0
00032 C	CY4 Basic	Proof-of-Concept Support						\$70,0
00033	CY7 Rev A	LETF & Instrumentation O&M						\$815,5
00034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						\$962.9
00035 C	CY3 Basic	LOX Pump Qualification Testing						\$112,4
00036 C	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						\$108,7
00038 C	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						\$53,2
00039 C	Basic	PGHMA Enhancements and Technical Support						\$33,0
00041 C	CY3 Rev B	Systems Engineering (NGLT)						\$540,7
00042	CY7 Rev C	Engineering Technical Services Support & CAD/CAE Support						\$372,3
00043	CY7 Rev A	Innovative Partnership Program Office Support						\$351,9
00044 C	Rev A	ARTWG/ASTWG Integration and Conference Support						\$15,3
00045	CY7 Basic	Specifications, Standards, and Kennedy Documented						\$52,7
00046 C	CY6 Rev. B	ISS Support Equipment Fabrication, Integration, and Testing						\$26,6
00047 C	CY3 Rev A	Beach Corrosion Data Acquisition System Support						\$38,6
00049	CY7 Rev B	LETF Shuttle Operations Testing Support						\$282,7
00050 C	Rev A	Hazardous Gas Detection System (HGDS) 2000						\$119,4
00051 C	CY6 Rev A	GSE Controls Integration						\$50,6 \$62,3
00052	CY7 Basic	Command and Control Laboratory Infrastructure						\$62, \$8,
00053 C	Basic	Upgrade Hypergol Flow Meters Support						\$36,
00054	CY7 Basic	SSPF Transducer Laboratory Support						\$230,
00056 C	CY4 Rev B	Shuttle Transducer Development						\$230,1 \$194,1
00057	CY7 Rev A	Shuttle Transducer Obsolescence						\$134, \$27,
00058 C 00059 C	CY2 Basic CY4 Rev A	In-Situ Pressure Calibration System NIST Traceable Portable Pressure Standard						\$36.
00060 C	Basic	Acoustic Scaling Methodologies						\$15,
00061 C	Rev A	Advanced Hazardous Gas Detection System Development						\$116,
00062 C	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						\$43,
00063	CY7 Rev D	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$119,
00064 C	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						\$137,
00070	CY7 Rev A	SBIR/STTR Support						\$40,
00071 C	CY3 Rev B	LETF DOD Load Testing Support						\$296,
00072 C		E-nose for ISS and EVA						\$60
00074 C	CY 2 Basic	Technical Documentation Database System						\$77
00076 C	Basic	Laser Processing of Spaceport Materials						\$37,
00078 C	CY2 Basic	Capcitance Based Sensors						\$42,
00079 C	CY3 Basic	NGLT Project Management Support						\$561,
00080 C	CY6 Rev A	Software Process Improvement Effort						\$63.
00081	CY7 Rev A	MSBLS Flight Inspection System Support						\$75.

Base Perio	od Task Orde	r Summary	CY 01						
-		·	Adlinated		Total				
Task Order			Adjusted Target Labor	Other Direct	Estimated		incentive	Total Cost &	
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	fee	
00082 C	CY2 Rev A	Flight Modern Project						\$138,108	
00083	CY7 Rev A	Electronics Infrastructure						\$52,200	
00084	CY7 Rev B	Range Infrastructure						\$36,579	
00085	CY7 Basic	Weather Projects Support						\$9,875	
00086	CY7 Rev C	Autonomous Flight Safety System (AFSS)						\$99,200	
00087 00088 C	CY7 Rev B CY5 Rev A	Emerging Communication Technology (ECT) Space Based Telemetry and Range Safety (STARS)						\$214,419 \$565,960	
00088 C	CY2 Rev B	Intelligent Cable Tester						\$46,130	
00099 C	CY3 Rev B	KCCS Infrastructure Conversion						\$376,550	
00091 C	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$3,333	
00092	CY7 Basic	NAVAIDS Flight Inspection System Development						\$244,934	
00093 C	CY2 Rev A	Airborne Particle Counting						\$103,620	
00094	CY7 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						\$234,648	
00096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$47,303	
00098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II						\$94,956	
00099 C	CY3 Basic CY7 Basic	Sonic Lightning Locator (SOLLO) Upgrades						\$37,068 \$65,514	
00102 00105 C	Basic	Agency Security Update Service (ASUS) Failsafe Jackscrew						\$25,322	
00103 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						\$25,558	
00111 C	CY3 Basic	Carnera Measurement System for Payload Positioning at Pads						\$88,535	
00119 C	Basic	WB TAU Certification for Flowliner						\$14,190	
00120 C	Basic	Cryolab Oxygen Monitor						\$29,660	
00121 C	Basic	Fire Detection Evaluation						\$17,055	
00122 C	Basic	Support Equipment Coating Study						\$1,828	
00123 C	Rev A	RWGS						\$0	
00125 C	CY4 Rev A	Minature Smart Leak Sensor						\$45,105	
00126 C	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						\$7,988	
00127 C 00131 C	Basic CY3 Rev B	Spaceport Processing System LPS Survivability Task KSC BTU Measurement System						\$39,580 \$79,045	
00131 C	CY2 Rev B	Development of Portable Hydrazine Detector						\$26,573	
00132 C	Rev B	STS-107 Investigation Support						\$360,738	
00135 C	CY5 Rev. A							\$9,000	
00137 C	CY2 Rev A	Modeling of Advanced Physics Concepts						\$19,818	
00140 C	CY2 Rev A	Thermal Insulation System Retrofit						\$48,001	
00141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						\$624,263	
00142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor						\$43,593	
00143 C	Basic	Systems Engineering Tools Assessment						\$34,938	
00144 C	CY 2 Rev B	Mars Dust Partical Analyzer						\$31,020	
00145 C	CY 2 Rev B							\$40,599 \$56,995	
00146 C	Rev A	ELV Lightning Detection Support						\$201,509	
00147 C 00148 C	Basic CY2 Rev C	Orbital Space Plane (OSP) Project MGMT Support Project Admin for the ASR-11 Shiloh RADAR						\$30,853	
100148 C	CIZNOVC	Project Admin for the AST-17 Smilet Franchis						400,000	
00149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						\$95,057	
00150 C	Basic	Remote Imaging of Hydrogen and Helium Leaks						\$75,088	
00151 C	CY 2 Rev B							\$138,999	
00152 C	Basic	Long Distance Transfer Piping						\$8,900	
00153 C	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$75,032 \$18,000	
00154 C	CY 2 Rev B							\$15,052	
00155 00156 C	CY7 Basic CY 2 Rev C	LSP Instrumentation Support Assessment of Bio and Phy Sample Processing Capabilities						\$11,999	
00150 C	Basic	Seawater Immersion Facility Support						\$10,000	
00157 C	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF						\$50,013	
00159 C	CY4 Rev B	Millimeter Wave Imaging Support						\$86,707	
00160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						\$50,680	
00161 C	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						\$9,500	
00162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						\$20,000	
00163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support						\$45,465	
00164 C	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						\$35,475 \$192,188	
00165 C	CY2 Basic	RF Health Node						\$192,188	
00166 C 00168 C	CY2 Rev C CY2 Rev C	Hazardous Environment Equipment Upgrades Project Mgt Support of ETDC Lab Consolidation Project						\$0 \$0	
00169 C	CY2 Basic	ELV GN2 Pressure Reducing Panel						\$18,380	
00170 C	CY2 Rev C	ATDC Engineering Study and Implementation Plan						\$103,423	
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						\$30,000	
00173 C	CY2 Basic	LPS Operations and Maintenance Support						\$11,718	
00174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						\$50	
00176 C	CY2 Rev D							\$6,51 5	
00177 C	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						\$0	

Revision	Title
CY2 Rev A	Hyper Spill Detection System
CY2 Rev E	Polymide Wire Insulation Repair Materia
CY2 Rev E	New Microencapsulated Membrane
	CY2 Rev A CY2 Rev E

CY 01									
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &				
					\$0				
					\$0				

Base Period Task Order Summary		CY 01						
Task			Adjusted		Total			
Order C=Closed	Revision		Target Labor	Other Direct	Estimated		Incentive	Total Cost
0181 C	CY2 Rev B	Title	Costs	Costs	Cost	Award Fee	Fee	fee
0182 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS) Electrostatic Breakdown in Launch Vehicle Systems						
0183 C	CY2 Basic	Vision Location System Research						
0184 C	CY2 Rev A	LASER Repair Applications						
0185 C	CY2 Rev B	Electro-Optic Electric Field Measurements						
0186 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						
0187	CY7 Rev A	Hazardous Gas Detection Applications						
	CY2 Rev A	Intelligent Algorithms						
	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						
0190 0193 C	CY7 Basic	Development Systems Support for SPS Development Lab						
	CY2 Basic CY3 Rev C	Knowledge Management for Ground Processing						
	CY4 Rev A	Impact Penetration Sensor System for RC & LI900 Tile Return to Flight Ground Camera Project						
	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise						
	CY4 Rev A	Ground Processing Shop Aids and Tools						
	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						
0201 C	CY4 Rev C	Launch System Testbed O&M						
	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						
	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						
	CY2 Basic	Development of Acoustic Estimate Tool						
	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						
	CY5 Rev B	Formulation of Polymer Materials for ESD & Flame Retardency						
	CY3 Rev C	Ablator Impact Testing						
	CY3 Rev A CY2 Rev B	Wireless Networks and Sensors						
	CY4 Rev A	ESS Wireless Network Installation						
	CY2 Basic	Constellation Project Management & System Engineering System Administrator Certifications						
	CY4 Rev A	PCG2 System Support						
	CY5 Rev D	Concurrent Technology Corporation (CTC) Coupon Study						
	CY2 Rev A	HyTEX RF Health Node						
		NGLT Systems Analysis Project Systems Engineering						
	CY5 Rev A	NAVAIR Coatings Study						
218 C	CY6 Rev A	ASTWG/ARTWG Conference Support						
219 C	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						
	CY7 Basic	Non-Governmental VCS's and Standards						
	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						;
		NESC Technical Support						
	CY2 Basic	Coriolis Flow Meter Testing						
	CY3 Rev B	SLF ATCT Equipment and Cable Installation						
	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						
	CY4 Rev B	Detection & Measurement of Water in Spaceflight Materials						
	CY3 Rev B CY4 Rev A	NOAA-A GN2 Cooler System Documentation						:
	CY5 Basic	De-painting Technology for Structural Steel						:
		Polyurethane Replacement Coatings Intergated Intelligent Health Management System (OSF)						:
	CY4 Rev B	Self Validating Thermocouple System						:
		Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval						:
		Environmental Monitoring Support				• •		;
		System Component Selection Tool Demonstration Project						
	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						
237 C	CY2 Rev A	Hypergolic Trigger Level Sensor						
	CY3 Rev A	Debris Recognition Camera Image Analysis						
	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)						:
	CY2 Rev B	Birnettalic Emulsion for PCB Extraction						
	CY4 Rev A	Boeing Space Station Support						
	CY3 Rev A	Usability Study of Virtual and Simulation Environments						
		Wire Insulation Repair & Self-Healing Technology Development						
		Construction and Demolition Debris Characterization			****			
	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation						
	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						Š
		Hydrazine Leak Detector Test for CALIPSO						Š
		Chemical Vapor Detection Expertise						
		Analytical Instrumentation Expertise						
		Wire Insulation and Membrane Expertise						\$
		Vibration Test Facility Operation & Maintenance Infrastructure						\$
	シャン いるがに	Electrostatics and Surface Research						
258 C (CY5 Rev B	Environmental Remediation Expertise						*

 Task
 Corder
 Common Feature

 Common Feature
 Revision
 Title

 00260 C
 CY3 Rev A 00261 C
 Thermal and Fluids Analysis Workshop Support

 00262 C
 CY3 Rev E
 Commodity-Free Calibration

 00262 C
 CY3 Rev E
 Cryogenics Testbed Stand Down Recovery Plan

CY 01								
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &			
					\$0			
					\$0			
					SC			

Base Perie	od Task Orde	r Summery			С	01		
Task			Adjusted		Total			
Order				Other Direct			Incentive	Total Cost &
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
00263 C	CY5 Rev A	Physics of Rocket Exhaust Cratering						\$0
00264 C 00265 C	CY4 Rev E	Independent Technical Engineering Analaysis Support						\$0
00265 C	CY4 Rev B CY4 Rev A	Electrostatic Shielding of Spacecraft Three Dimensional Boundry Layer Corrections						\$0
00267 C	CY3 Rev A	TDRSS Transceiver Test Bed Development						\$0
00269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support						\$0
00270 C	CY5 Rev. A							\$0 \$0
00271 C	CY3 Rev D	Cryogenic In-line Flow Sensor						\$0
00272 C	CY3 Rev A	Portable, Hand-held Window Inspection Device						\$0
00273 C		e Cryogenic Applications of Shape Metal Alloy Technology						\$0
00274 C	CY3 Rev A							\$0
00275	CY7 Basic	CTC Program Support						\$0
00276 C 00277 C	CY 4 Basic CY4 Rev B	SOLLO Installation Support SAA Support for NASA GSE Controls Integration Project						\$0
00277 C	CY5 Rev B	KSC Network Device Registry System						\$0
00280 C	CY3 Basic	Wireless Sensor Networks						\$0 \$0
00281 C	CY3 Rev B	Advanced Cable Tester Development						\$0 \$0
00282 C	CY4 Rev A	RESOLVE						\$0 \$0
00283 C	CY3 Rev C	External Tank Infrared Radiation Heating						\$0
00284 C	CY3 Rev A	AVEMS CARTA 2005						\$0
00285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						\$0
00286 C	CY3 Rev A	Lunar Regolith						\$0
00287 C	CY4 Rev B	Dust Particle Mitigation						\$0
00288 C	CY4 Rev A	ISHM Testbed and Prototypes						\$0
00289 C	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mtr						\$0
00290 C	CY3 Basic	ESS Wireless Network Installation						
00291 C	CY3 Basic	Nano-Tube H2 Gas Sensor						\$0
00292 C	CY4 Rev A CY4 Rev C	Signal Conditioning for Nan Sensors Hex Chrome Alternative Coating Testing						\$0
00293 C 00294 C	CY5 Basic	EZVI Materials testing						\$0
00295 C	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						\$0 \$0
00296 C	CY6 Rev B	Chemochromic Hydrogen Detection Expertise						\$0
00297 C		OCE and SMO Technical Support						\$0
00298 C	CY6 Rev D	Complex 20 Cryogenic Engineering Support						\$0
00299 C	CY3 Basic	VAB Siding Coatings Testing						\$0
00300 C	CY3 Basic	Black Powder Phenomena Study						\$0
00302 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						\$0
00303 C	CY5 Rev. B	Coatings Support for Exploration & Space Port Design						\$0
00305 C	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng						\$0
00306 C	CY4 Rev B CY4 Rev A	Acoustic & Vibration Test data Analysis for Pluto Mission EVM Process Documentation						\$0
00307 C 00308 C	CY5 Rev A	NDE Support at Michoud						\$0 \$0
00309 C	CY4 Basic	HLA for SGOS Research Activity						\$0 \$0
00310 C	CY5 Rev E	Independent Technical Authority Engineering Analysis Support						\$0
00311	CY7 Basic	Infrastructure						\$0
00312 C	CY4 Rev F	EVM Preparation						\$0
00314 C	CY4 Rev A	Near Field MSBLS Navset Development						\$0
00315 C	CY5 Rev C	Advance Materials for Aerospace Applications						\$0
00317	CY7 Basic	Imaging Systems Support						\$0
00318 C	CY5 Rev A	Active Ice Mitigation Technologies						\$0
00319 C	CY4 Rev A	Advance Technology Development Center Support						\$0
00320 C 00321 C	CY5 Rev A CY4 Rev A	KCCS Technology Update ESS Security						\$0 \$0
00321	CY6 Rev A	Electrostatic Separation of Regolith						\$0 \$0
00323 C	CY4 Basic	Study of Mobile Helium Conversion System						\$0 \$0
00325 C	CY5 Rev A	Evaluation of USMC Hatch Covers						\$0
00326 C	CY4 Rev D	SETI Migration						\$0
00327	CY7 Rev A	Launch Site Quick Response Technical Support						\$0
00328	CY7 Basic	NESC Technical Support						\$0
00329 C	CY5 Rev. A							\$0
00330 C	CY4 Rev C	RTF Test Site Closeout						\$0
00331 C	CY5 Rev F	Constellation Engineering Support						\$0
00332 C	CY4 Rev A	Ground Camera Image Enhancement and Analysis						\$0 \$0
00333	CY7 Basic	NASA AP2 Program Support						\$0
00335	CY7 Rev A	LETF Constellation Program Support						

Task Order C≃Closed	Revision	Title
00336 C	CY4 Rev A	IMU Simulator
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems
00342	CY7 Basic	Oxygen Production by Molten Salt

CY 01								
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &			

Task

Order		
C=Closed	Revision	Title
00343	CY7 Rev A	Lunar Water Resource Demonstration (LWRD) Expertise
00344	CY7 Basic	Regolith Volatile Characterization Expertise
00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing
00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications
00347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology
00348	CY7 Basic	IT Baseline Configuration Management Support
00349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node
00350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller
00351 C	CY5 Rev A	Solar Water Cracker
00352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering
00353 C 00354 C	CY5 Rev B CY4 Rev A	NDE Super Problem Resolution Team Support Waste-to-Energy Helium and Hydrogen Recovery
00355	CY7 Rev E	Birnetalic Treatment System for PCB Removal
00356 C	CY5 Rev B	Lightning Protection System Design
00357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication
00359	CY7 Rev B	KT Directorate Engineering Technical Services Support
00360 C	CY4 Rev B	Lightning Monitoring System Support
00361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing
00362	CY7 Basic	Laboratory Relocation to SLSL
00363	CY7 Basic	Sonic Lightning Locator (SOLLO) LSP Project
00364 C	CY5 Rev C	Bird Abatement
00365	CY7 Basic	NASA-STD-5008A Revision Support
00366	CY7 Rev A	Operational Imaging Support
00367 00368 C	CY7 Rev B CY7 Rev A	Consumables Transfer Technology Development Project Geotechnical Testing with Lunar Soil Simulants
00369	CY7 Rev A	Command, Control & Communication Development (CxP)
00370	CY7 Basic	Command, Control & Communication PM/SE and I (CxP)
00371 C	CY5 Rev. B	
00372	CY7 Rev A	Shuttle Transition and Retirement
00373 C	CY6 Rev B	Aerodynamic Environment Study of Launch Vehicle Base
00374 C	CY5 Rev A	3-D Scene Analysis
00375 C	CY5Rev. A	Capacitance Based Liquid Level Sensor
00376 C	CY4 Rev A	Landing & Recovery for Spacecraft & PL Processing (CxP)
00377 C	CY5 Rev A	Smart Networked Elements in support of IHMS Systems
00378	CY7 Rev A	Specifications and Standards - CxP
00379 C	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)
00380 00381 C	CY7 Rev A CY6 Rev B	SSPF Spacecraft and Payload - CxP Safety and Mission Assurance CxP Support
00382	CY7 Rev A	Constellation Business Management
00383 C	CY5 Rev B	Architecture of a Lunar Instrument
00384 C	CY5 Rev A	Window Inspection Technology Upgrade
00385	CY7 Basic	Constellation Project Configuration Management
00386	CY7 Basic	Command and Control ARES
00387 C	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication
00388 C	CY6 Rev B	Launch Coating Operations Support
00389	CY7 Basic	CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi
00390 C	CY5 Rev. B CY7 Basic	ARES I-1 Pull-Off Umbillical Testing Preparations VAB High Bay Modification
00392 00393 C	CY6 Rev A	LCC Firing Room #1 Modification
00394	CY7 Basic	Hangar AF Modification
00395 C	CY5 Rev. A	Ares I-1 Pad B Integration
00396	CY7 Basic	Constellation LC-39B Integration
00397	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts
00398	CY7 Basic	CLV Mobile Launcher (ML) Project Management
00399 C	CY6 Rev D	Window Defect Inspection Device
00400	CY7 Rev A	USTDC Design and Development Support
00401 C	CY5 Rev C	Advanced Communications Development Laboratory Support
00402 C 00403 C	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT) LSE Communications System Support
00403 C	CY6 Rev A	Application of Dust Screen Electrodes
00405 C	CY5 Rev. A	Electrostatic Characterization of Lunar Dust
00407 C	CY5 Rev. A	Impregnation of Lunar Simulant with SEZVI
00408 C	CY5 Rev A	Low Temp Processing of Lunar Regolith to Produce O2
00409	CY7 Basic	O2 Production System Modeling
00410	CY7 Rev A	Integration Support to Const (CxP) Ground Syst Development

CY 01									
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &				

Task Order C=Closed	Revision	Title
00411 C	CY5 Rev B	Cryogenic Tank Insulation Test Support
00412	CY7 Rev B	Dust Mitigation
00415	CY6 Rev B	NASA Consolidation of Active Directory Support
00416 C	CY6 Rev A	Coatings Support
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays

CY 01									
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	incentive Fee	Total Cost &				

Task

Base Period Task Or	rder Summary
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Order C=Closed Revision 00420 C CY5 Rev B LIVIS-CWLIS Performance Analysis 00421 CY7 Rev A Multi-Mission Support Equip (MMSE) For CxP CY7 Basic Non-Destructive Evaluation Technologies Development CY7 Rev B Pad B Elec Syst Formulation Supp Exploration Ground Syst 00423 100424 C CY5 Rev C S&MA Support for Comand, Control & Communications 00425 CY7 Basic CLV ML Fluid Systems 00426 CY7 Rev A Electrical and Control & Data Division EDL Lab Support 00427 C CY6 Rev B Solar Thermo Molecular Sieve H2/O2 Production 00428 C CY6 Rev B LO2 Storage Tank Aerogel Ins. Tech. Demo. 00429 CY7 Basic Data Presentation and Visualization 00430 C CY6 Rev C Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst 00431 C CY6 Rev A Digital Image Inspection for Spacecraft Processing 00432 C CY6 Rev B High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks 00433 C CY5 Rev B Photonic Bandgap (PBG) Shielding Technology 00435 C CY6 Rev A AR7 Coating Replacement 00436 C CY6 Rev A Polyimide Based Powder Coatings 00437 C CY5 Rev C GN2 Filtration Using Electrostatic Methods 00438 C CY6 Rev A IR Leak Visualization 00439 C CY5 Rev A Acceptance Testing Digital Video Transmission Syst 00440 C CY7 Rev A IPP Ground Operations Health Management 00441 CY7 Basic IPP Self-Healing Wiring 00442 C CY5 Rev A Fluid Dynamics Conference Manuscript 00443 C CY5 Rev B Integrated Ground Ops. Health Management (IGOHM) 00444 CY7 Basic IPP Nanosensors 00445 CY7 Rev A White Light Interferometric Depth Gage 00446 C CY5 Rev.B Transient Voltage Monitor & SOLLO Modification 00447 CY7 Rev A Hypergol Detection 00448 CY7 Basic PC Based Command & Telemetry Workstation 00449 C CY6 Rev B Coastal Radar Video Surveillance System 00450 CY7 Basic CTC Equipment Obsolescence Implementation 00451 C CY5 Rev B Experimental Imaging Lab Infrastructure 00453 CY7 Rev A ML Electrical Sys. Supp. for Constellation Ground Sys. 00454 C CY5 Rev A ATM Transmission System Replacement 00455 C CY6 Rev C Hubble Service Repair Mission ESPL Support CY7 Basic Materials Science Lab Support 00457 00458 CY7 Basic CLV Upper Stage Umbilical Ground and Flight Plates Support 00459 CY7 Basic Engineering Analysis for Constellation CY7 Basic TEERM and AFSPC Program Support 00461 CY7 Rev A Mimally Intrusive Repair, Detection, and Self-Repair Systems 00462 00463 CY7 Rev A Smart Coatings for Corrosion Detection and Control 00464 C CY5 Rev B RF Health Node SensorNet Flight of Opportunity 00465 CY6 Rev C Technology Investment in Cryogenic Applications 00466 C CY6 Rev B Optical Properties of Lunar Soil Erosion 00467 C CY6 Rev B NASA Lessons Learned Program Support 00468 CY7 Rev A Polymer Science and Technology Lab Support 00469 C CY6 Rev D Electrostatic Research on Martian Soil 00470 CY7 Rev C Excavation Hardware Development 00471 C CY7 Rev A Lunar Soil Dust Standards Development 00472 CY7 Rev A IT System Services infrastructure 00473 CY7 Basic US Army Vehicle Coating Study 00474 C CY6 Rev B CLV/VEV Processing & Access GSE in the VAB 00475 C CY6 Rev C Hangar AF GSE for CxP 00476 CY7 Rev C KSC Hydrogen Dispensing Station CY7 Rev B Corrosion Labs 00477 CY7 Rev C Applied Chemisty Labs Infrastructure 00478 CY6 Rev B Cryogenic Test Lab Operational Support Initiatives 00479 C CY7 Basic System(s) @ LC39B 00480 CY7 Rev A ISRU Beneficiation 00481 CY7 Rev A Heatshield Adapter 00483 C CY6 Rev C ATXS Replacement Support CY7 Basic ARL Coatings and Corrosion Research 00484 00485 CY7 Basic S&MA Products for CxP Subsystem Development 00486 CY7 Rev B Design Engineering Handbook 00487 CY7 Basic XPS Support CY7 Basic Shuttle Lightning Instrumentation Support

	CY 01								
Adjusted Target Labor Costs	Other Direct	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &				

Task Order C=Closed	Revision	Title
00489 C	CY7 Rev A	Excavation Modeling System
00490		ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
00492 C	CY6 Rev B	Infrared Camera-Based Fire Detection
00493	CY7 Basic	Remote Measurements of Glass Defects
00494 C	CY7 Rev A	PELT Sensor - Phase 2

		CY	01		
Adjusted Target Labor Costs	Other Direct	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &

00561

00562

Base Period Task Order Summary

Task Order		
C=Closed		Title
00495	CY7 Rev B	ISRU Systems Demo - ROXYGEN
00496	CY7 Basic	CNT Ink for Dust Mitigation
00497	CY7 Rev A	LX-C & UB Special Spt for CxP
00498 C	CY6 Rev A	-S&MA Analysis for the Constellation Ground Sys/Elements
00499	CY7 Rev A	Electro-Magnetically Actuated Ball Valve Development
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor
00501	CY7 Basic	Software Process Improvement
00502	CY7 Basic	Physics Concepts Support
00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization
00504	CY7 Rev A	Cryo & Fluids Technology Focus Areas Support
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad
00507 C	CY6 Rev B	Helium Sensing & Purge Gas Reclamation
00508	CY7 Rev A	GMRO Lab Infrastructure Support
00509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support
00510	CY7 Rev A	New Materials for Structural Composites and Conductive Coat
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings
00512 C	CY6 Rev F	Online Wiring Diagnostics
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.
00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.
00521 00522 C	CY7 Rev A	Composite Conductors for Lightning Strike Mitigation
00524	CY7 Basic	NASA Materials Science WCSP/WCSD Server Sys. Admin.
00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection
00527	CY7 Basic	Parallel Cryogenic Pumping Capability
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump
00529	CY7 Basic	Integrated Ground Systems Diagnostics
00531 00532 C	CY6 Rev C	Flow Detection System for WCCS
00532 0	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM
00534	CY7 Basic	Cryogen Storage in Aerogel Composites
00534	CY7 Basic	Low VOC Topcoats for Thermal Spray Coatings
00535	CY7 Basic	Mars Architecture Team (MAT) Study
	CY6 Rev A	Crawlerway Foundation Study
00537 C	CY7 Basic	PAD 39B CLV LH2
00538	CY7 Basic	NDE Techniques for Monitoring Fairings
00539		Aerocoat AR-7
00540	CY7 Basic	Orion SPE Fluid Systems
00541	CY7 Basic	
00542	CY7 Basic	Fluid Systems (CxP) Integration Support LSP Facilities Project Management Support
00543	CY7 Rev A	Plug-and-Play Network Enable Intelligent Sensor Support
00544	CY7 Basic	
00546	CY7 Basic	Software Development for Rapid Propellant Loading
00547	CY7 Rev A	Rapid Loading Cryo Systems for Simulated Launch Vehicle
00548	CY7 Basic	Refractory Materials for Flame Deflector Protection System
00549	CY7 Rev A	Ares I-X Stack-5 Ground Support Equipment
00550	CY7 Basic	LETF Constellation Test Support
00551	CY7 Basic	Coastal Radar Video Surveillance System Installation
00552	CY7 Rev A	S&MA Level IV Support for the Constellation Ground Systems
00554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems
00556	CY7 Rev A	
00557	CY7 Basic	ESTCP Coating Test
00558	CY7 Basic	Dust Mitigation for Solar Panels
00559	CY7 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process
00560	CY7 Basic	MPPF Upgrade CxP Project Support
00561	CV7 Basic	Online Beat-Time Cable Defect Re-Routing System

CY7 Basic Online Real-Time Cable Defect Re-Routing System CY7 Basic Aerogel Structural Insulation for Cryogenic Tanks

CY7 Basic
CY7 Basic
CY7 Basic
CY7 Basic
Launch Vehicle Processing Business/Technical Resource

CY7 Rev A Descent Plume/Ejecta Analysis for Constellation

CY7 Basic ISS and Spacecraft Processing Support

CY7 Basic Cry Basic Constellation Logistics Support Analysis CY7 Rev A VIE Handling and Access GSE Design CY7 Rev A IT Communications System Support

CY 01								
Adjusted		Total						
Target Labor Costs	Other Direct Costs	Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee			

Dase Peri	od Task Orde	or Summary			CY	01		
Task Order			Adjusted	Other Direct	Total Estimated			
C=Closed		Title	Costs	Costs	Cost	Award Fee	incentive Fee	Total Cost 8
00579	CY7 Basic	Process Management Support for Crew Launch Vehicle	33313	00515	Cost	AWAIG FEE	ree	fee
00581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						
00584 C	CY6 Rev A	System Maintenance Engineering Support for TA						
00585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						
00586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						
00587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						
00588	CY7 Basic	Information Systems Division Support						
00589	CY7 Basic	Smart Algorithms for Nano Sensor						
00590	CY7 Basic	Connector Electrical Integrity Checks Using Ultrasonics						
00591	CY7 Basic	VAB Firex FIC Design						
00592	CY7 Basic	Solid Rocket Processing Element Support						
00593	CY7 Basic	Helium Conservation						
00594	CY7 Basic	Iridium-Based Inert Anodes						
00595	CY7 Basic	Recycling Methane Production						
00596	CY7 Basic	Continuous Flow Sintering System for Lunar Surface Stabilization						
00597	CY7 Rev A	New Organic Zinc Rich Primer for Launch Structures						
00598	CY7 Basic	In-Situ Propellant Conditioning						
00599	CY7 Basic	Portable Hand-Position Orbiter Window Inspection Device						
00600	CY7 Basic	Large Cryogenic Tank NDE Techniques						
00601	CY7 Basic	Magnetic Excavation and Transport of Lunar Soils						
00602	CY7 Basic	Propellants Management						
00603	CY7 Basic	Online Cable Tester						
00604	CY7 Basic	Regolith O2 Feedstock Excavation						
20605	CY7 Basic	Lunar Implement Quick Attach Interface for Chariot						
00606	CY7 Basic	Continuous Lunar Water Separation Process						
00607	CY7 Basic	Lunar Dust Tolerant Quick Disconnect Connectors						
80900	CY7 Basic	Investigation and Modification of Hypergolic Indicating Wipes						
00609	CY7 Basic	Launch Accessories Expert Support						
00610	CY7 Basic	Non Destructive Evaluation/Inspection Corrosion Under Paint						
00611	CY7 Basic	Refractory Concrete						
00614	CY 7 Basic	CxP Blast Mitigation Support						
		TOTAL						\$15,001,04
		ADJUSTMENT TO ACTUALS	CY 1 Adj to Actu	uals				-\$1,340,82
			Contract Value					\$13,660,22

Base Perio	d Task Order	Summary	CY 02			***		
Task			Total Adjusted		Total			
Order C=Closed	Revision) Title	Target Labor Costs	Other Direct Costs	Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
	Rev B	60 Day Transition Task Order						\$0
00002	CY7 Rev A	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						\$486,831
00003 C	Basic	Corrosion Resistant Tubing						\$0 \$59,832
00004 C	CY4 Basic	Applied Physics Infrastructure Support						\$288,400
00005 C 00006 C	CY5 Rev D CY5 Rev F	Corrosion Test-bed Chemical Instrumentation & Process Lab Infrastructure						\$614,617
00000 C	Rev B*	Hydrogen Peroxide Decomposition						\$0
00008 C	Rev A	Galvanic Coatings for Protection of Concrete						\$0
00009 C	CY2 Basic	Army Corrosion Retardant Additive Testing						\$13,127
	Rev B	Ionic Liquids						\$0 \$181,934
00013 C 00014 C	CY3 Rev B	Corrosion Detection, Prediction and Prevention OTV Modernization						\$57.008
00014 C	CY7 Rev B	Communications Engineering Infrastructure						\$471,020
00016 C	CY2 Basic	Network Architecture & Routing Protocols						\$149,425
00017 C	Basic	KSC LAN Documentation and User Guides						\$0
00018 C	CY4 Rev B	Advanced Communications Development						\$223,923
00019 C	CY4 Rev C	Fiber Optics Lab Projects						\$484,993 \$703,355
00020	CY7 Rev A CY2 Rev A	IT Systems & Security Technologies Network Service Level Assessment (NSLA)						\$51,923
00021 C 00022 C	Basic	Ultra Wideband (UWB) Commincation Technology						\$0
00023 C	Basic	Remote Monitoring and Alarm System (RMAS)						\$0
00024 C	CY1 Basic	Emergency Broadcast Cable TV Alert System						\$0
00025 C	Rev A	Halon Replacement						\$0 \$59,651
00026	CY 7 Basic	Electrostatics and Materials Physics Testbed						\$25,478
00028 C 00029 C	CY2 Rev B Basic	Electrostatic & Surface Physics R&D Payload Contamination Monitoring						\$25,476
00029 C	CY7 Basic	Development of KSC Infrastructure Documentation						\$29,038
00031	CY7 Rev A	Miscellaneous Operations Support						\$156,336
00032 C	CY4 Basic	Proof-of-Concept Support						\$290,237
00033	CY7 Rev A	LETF & Instrumentation O&M						\$1,347,994
00034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						\$269,092
00035 C	CY3 Basic CY3 Rev A	LOX Pump Qualification Testing Mech, Struct, & Controls & GSE Dev Lab O&M						\$162,000 \$166,099
00036 C 00038 C	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						\$857,824
00039 C	Basic	PGHMA Enhancements and Technical Support						\$0
00041 C	CY3 Rev B	Systems Engineering (NGLT)						\$476,956
00042	CY7 Rev C	Engineering Technical Services Support & CAD/CAE Support						\$388,314
00043	CY7 Rev A	Innovative Partnership Program Office Support						\$403,207 \$0
00044 C 00045	Rev A CY7 Basic	ARTWG/ASTWG Integration and Conference Support Specifications, Standards, and Kennedy Documented						\$93,136
00045 00046 C	CY6 Rev. B							\$55,000
00047 C	CY3 Rev A	Beach Corrosion Data Acquisition System Support						\$34,189
00049	CY7 Rev B	LETF Shuttle Operations Testing Support						\$300,000
00050 C	Rev A	Hazardous Gas Detection System (HGDS) 2000						\$00.07
00051 C	CY6 Rev A	GSE Controls Integration Command and Control Laboratory Infrastructure						\$90,074 \$655,893
00052 00053 C	CY7 Basic Basic	Upgrade Hypergol Flow Meters Support						\$600,000
00054	CY7 Basic	SSPF Transducer Laboratory Support						\$50,014
00056 C	CY4 Rev B	Shuttle Transducer Development						\$226,68
00057	CY7 Rev A	Shuttle Transducer Obsolescence						\$300,08
00058 C	CY2 Basic	In-Situ Pressure Calibration System						\$6,860 \$71,645
00059 C 00060 C	CY4 Rev A Basic	NIST Traceable Portable Pressure Standard Acoustic Scaling Methodologies						\$71,04
00061 C	Rev A	Advanced Hazardous Gas Detection System Development						\$i
00062 C	CY2 Rev A							\$31,77
00063	CY7 Rev D	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$779,82
00064 C								\$128,60
00070	CY7 Rev A							\$89,93 \$128,32
00071 C	CY3 Rev B CY2 Rev A	LETF DOD Load Testing Support E-nose for ISS and EVA						\$17,82
00072 C	CY 2 Basic	Technical Documentation Database System						\$55,90
00076 C	Basic	Laser Processing of Spaceport Materials						\$
00078 C	CY2 Basic	Capcitance Based Sensors						\$22,01
00079 C	CY3 Basic CY6 Rev A	NGLT Project Management Support						\$133,718 \$97,639
00080 C	CY7 Rev A							\$99,94
100001	JII NOV M	mode i ngrit trapediori oyatarii oupport						400,04

Base Peri	od Task Orde	r Summary			CY	02		
Task			Total Adjusted	1	Takal			
Order				Other Direct	Total Estimated		incentive	Total Cost &
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
	CY2 Rev A	Flight Modern Project						\$64,988
00083	CY7 Rev A	Electronics Infrastructure						\$334,133
00084	CY7 Rev B	Range Infrastructure						\$192,004
00085	CY7 Basic	Weather Projects Support						\$14,969
00086	CY7 Rev C	Autonomous Flight Safety System (AFSS)						\$176,956
00087 00088 C	CY7 Rev B CY5 Rev A	Emerging Communication Technology (ECT)						\$299,207
00089 C	CY2 Rev B	Space Based Telemetry and Range Safety (STARS) Intelligent Cable Tester						\$330,440
00090 C	CY3 Rev B	KCCS Infrastructure Conversion						\$92,116
00091 C	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$591,027 \$0
00092	CY7 Basic	NAVAIDS Flight Inspection System Development						\$188.017
00093 C	CY2 Rev A	Airborne Particle Counting						\$27,927
00094	CY7 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						\$278,882
00096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$24,276
00098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II						\$17,916
00099 C 00102	CY3 Basic CY7 Basic	Sonic Lightning Locator (SOLLO) Upgrades						\$19,948
00102 00105 C	Basic	Agency Security Update Service (ASUS) Failsafe Jackscrew						\$146,694
00111 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						\$0
00115 C	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						\$0 \$171,743
00119 C	Basic	WB TAU Certification for Flowliner						\$0
00120 C	Basic	Cryolab Oxygen Monitor						\$0
00121 C	Basic	Fire Detection Evaluation						\$0
00122 C	Basic	Support Equipment Coating Study						\$0
00123 C 00125 C	Rev A CY4 Rev A	RWGS						\$0
00125 C	CY3 Rev A	Minature Smart Leak Sensor						\$154,849
00120 C	Basic	Corrosion Testing of Airplane Wing Structures Spaceport Processing System LPS Survivability Task						\$40,950
00131 C	CY3 Rev B	KSC BTU Measurement System						\$0 \$100,163
00132 C	CY2 Rev B	Development of Portable Hydrazine Detector						\$66,374
00134 C	Rev B	STS-107 Investigation Support						300,374 \$0
00135 C	CY5 Rev. A	Hydrazine Detection Systems (Mini Mass Spectrometer)						\$28,970
00137 C	CY2 Rev A	Modeling of Advanced Physics Concepts						\$22,038
00140 C 00141 C	CY2 Rev A	Thermal Insulation System Retrofit						\$117,033
00141 C	CY2 Rev A CY4 Rev A	Orbital Space Plane (OSP) Systems Engineering						\$251,049
00142 C	Basic	High Pressure, High Shock Mass Level Sensor Systems Engineering Tools Assessment						\$77,258
00144 C	CY 2 Rev B	Mars Dust Partical Analyzer	- ·			****		\$0
00145 C	CY 2 Rev B	EVM Support to YA						\$9,293
00146 C	Rev A	ELV Lightning Detection Support						\$88,414 \$0
00147 C	Basic	Orbital Space Plane (OSP) Project MGMT Support						\$138,392
0014B C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						\$57,081
00149 C	CY2 Basic	But a later to the						
00150 C	Basic	Retrieval of NASA Problem Reports Using Natural Language Processing Remote Imaging of Hydrogen and Helium Leaks						\$15,027
00151 C	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						\$0
00152 C	Basic	Long Distance Transfer Piping						\$102,000
00153 C	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$0 \$152,987
00154 C	CY 2 Rev B	OTV System Modernization						\$22,291
00155	CY7 Basic	LSP Instrumentation Support						\$14,848
00156 C	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities						\$1,972
00157 C	Basic	Seawater Immersion Facility Support						\$0
00158 C	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF						\$138,082
00159 C 00160 C	CY4 Rev B CY2 Basic	Millimeter Wave Imaging Support						\$250,024
00161 C	Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						\$1,183
00162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						\$0
00163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support						\$69,400
00164 C	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						\$291,038 \$17,500
00165 C	CY2 Basic	RF Health Node						\$17,500
00166 C	CY2 Rev C	Hazardous Environment Equipment Upgrades						\$67,799
00168 C	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						\$15,603
00169 C 00170 C	CY2 Basic CY2 Rev C	ELV GN2 Pressure Reducing Panel						\$0
00170 C	CY2 Rev C	ATDC Engineering Study and Implementation Plan						\$186,578
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support LPS Operations and Maintenance Support						\$25,000
	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						\$22,483
	CY2 Rev D	ISRU Quick Assessment						\$103,727
00177 C	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						\$7,738 \$15,832
								\$10,032

Task Order		
	Revision	Title
00178 C	CY2 Rev A	Hyper Spill Detection System
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material
		New Microencapsulated Membrane

CY 02								
Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee \$41,109 \$98,761 \$82,174			

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Base Period Task Order Summary			CY 02						
Task			Total Adjusted		Total				
Order C=Close	d David-1-		Target Labor	Other Direct	Estimated		Incentive	Total Cost &	
C=Close 00181 C	d Revision CY2 Rev B	Title	Costs	Costs	Cost	Award Fee	Fee	fee	
00182 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS) Electrostatic Breakdown in Launch Vehicle Systems						\$199,900	
00183 C	CY2 Basic	Vision Location System Research						\$72,342	
00184 C	CY2 Rev A	LASER Repair Applications						\$69,880	
00185 C	CY2 Rev B	Electro-Optic Electric Field Measurements						\$10,540 \$81,044	
00186 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						\$84.666	
00187 00188 C	CY7 Rev A CY2 Rev A	Hazardous Gas Detection Applications						\$180,626	
00189 C	CY2 Rev A	Intelligent Algorithms Improvement of Liquid Applied Coatings for Concrete						\$73,690	
00190	CY7 Basic	Development Systems Support for SPS Development Lab						\$72,173	
00193 C	CY2 Basic	Knowledge Management for Ground Processing						\$218,970	
00194 C	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile						\$45,064 \$467,055	
00195 C	CY4 Rev A	Return to Flight Ground Camera Project						\$1,295,766	
00199 C	CY4 Basic CY4 Rev A	USTDC RTF Project Mgt and Technincal Expertise Ground Processing Shop Aids and Tools						\$151,258	
00200 C	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						\$125,194	
00201 C	CY4 Rev C	Launch System Testbed O&M						\$3,161	
00202 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						\$126,245	
00203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						\$198,296 \$30,212	
00204 C 00205 C	CY2 Basic	Development of Acoustic Estimate Tool						\$30,212 \$22,500	
00205 C	CY2 Rev A CY5 Rev B	Liquid Hydrogen Test Station at Cryogenic Testbed						\$10,455	
00207 C	CY3 Rev C	Formulation of Polymer Materials for ESD & Flame Relardency Ablator Impact Testing						\$8,526	
00208 C	CY3 Rev A							\$1,058,414	
00209 C		ESS Wireless Network Installation						\$22,208	
00210 C	CY4 Rev A							\$14,865 \$1,478,157	
00211 C	CY2 Basic	System Administrator Certifications						\$9,245	
00212 C 00214 C	CY4 Rev A CY5 Rev D	PCG2 System Support						\$78,535	
00215 C	CY2 Rev A	Concurrent Technology Corporation (CTC) Coupon Study HyTEX RF Health Node						\$16,843	
00216 C	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						\$26,486	
00217 C	CY5 Rev A	NAVAIR Coatings Study						\$81,204	
00218 C	CY6 Rev A	ASTWG/ARTWG Conference Support						\$22,000 \$6,656	
00219 C	CY3 Rev A CY7 Basic	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						\$11,019	
00221 C	CY3 Rev A	Non-Governmental VCS's and Standards KCCS Infrastructure Conversion Project Integration						\$15,780	
00222 C	CY5 Rev A	NESC Technical Support						\$106,496	
00223 C	CY2 Basic	Coriolis Flow Meter Testing						\$70,064	
00224 C	CY3 Rev B	SLF ATCT Equipment and Cable Installation						\$13,058	
00225 C	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						\$4,977 \$16.949	
00226 C 00228 C	CY4 Rev B CY3 Rev B	Detection & Measurement of Water in Spaceflight Materials						\$90	
00229 C	CY4 Rev A	NOAA-A GN2 Cooler System Documentation						\$192,543	
00230 C	CY5 Basic	De-painting Technology for Structural Steel Polyurethane Replacement Coatings						\$8,708	
00231 C	CY4 Rev A	Intergated Intelligent Health Management System (OSF)						\$9,236	
00232 C	CY4 Rev B	Self Validating Thermocouple System						\$2,753 \$12,654	
00233 C	CY3 Rev C	Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval						\$12,654 \$177,448	
00234 C 00235 C	CY2 Rev A	Environmental Monitoring Support						\$177,448 \$9,259	
00235 C	CY3 Rev A CY2 Basic	System Component Selection Tool Demonstration Project Advanced Eng Environment: Collaborative Tools & Need Baseline						\$57,781	
	CY2 Rev A	Hypergolic Trigger Level Sensor						\$18,000	
00238 C	CY3 Rev A	Debris Recognition Camera Image Analysis						\$2,520	
	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)						\$83,549 \$115,574	
		Bimettalic Emulsion for PCB Extraction						\$115,574	
		Boeing Space Station Support						\$0	
1	CY2 Rev B	Usability Study of Virtual and Simulation Environments Wire Insulation Repair & Self-Healing Technology Development						\$10,455	
	CY3 Rev A	Construction and Demolition Debris Characterization	****					\$73	
00248 C	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation						\$0	
	CY3 Basic	Micro-Wireless instrumentation System Inventory Support						\$0	
	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						\$328 \$0	
		Chemical Vapor Detection Expertise Analytical Instrumentation Expertise						\$0	
		Analytical Instrumentation Expertise Wire Insulation and Membrane Expertise						\$0	
		Vibration Test Facility Operation & Maintenance Infrastructure						\$0	
00257 C	CY5 Basic	Electrostatics and Surface Research						\$0	
	CY5 Rev B	Environmental Remediation Expertise						\$0 \$0	
00259 C	CY4 Rev B	NESC SRB Stud Hang-up Testing						\$Q \$Q	
								90	

Order		
C=Closed		Title
00260 C	CY3 Rev A	Thermal and Fluids Analysis Workshop Support
00261 C	CY4 Basic	Commodity-Free Calibration
00262 C	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan

	CY 02					
Total Adjusted Target Labor Costs		Total Estimated Cost	Award Fee	Incentive Fee	fee	
					\$ \$	
					\$	

ase Perio	od Task Order	Summary			CY	12		
Task Order			Total Adjusted Target Labor	Other Direct	Total Estimated		incentive	Total Cost
=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
263 C 264 C	CY5 Rev A	Physics of Rocket Exhaust Cratering Independent Technical Engineering Analaysis Support						
264 C 265 C	CY3 Rev E CY4 Rev B	Electrostatic Shielding of Spacecraft						
267 C	CY4 Rev B	Three Dimensional Boundry Layer Corrections						
268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development						
269 C		DoD Corresion Policy and Conference Support						
270 C		VAB Roof Remediation Support						
271 C		Cryogenic In-line Flow Sensor						
272 C		Portable, Hand-held Window Inspection Device						
273 C	CY4 Baseline	e Cryogenic Applications of Shape Metal Alloy Technology						
274 C	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						
275	CY7 Basic	CTC Program Support						
276 C	CY 4 Basic	SOLLO Installation Support						
277 C	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project						
279 C	CY5 Rev B	KSC Network Device Registry System						
0280 C	CY3 Basic	Wireless Sensor Networks						
0281 C	CY3 Rev B							
0282 C	CY4 Rev A	RESOLVE						
0283 C	CY3 Rev C	External Tank Infrared Radiation Heating						
0284 C	CY3 Rev A	AVEMS CARTA 2005						
0285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						
0286 C	CY3 Rev A	Lunar Regolith						
0287 C	CY4 Rev B	Dust Particle Mitigation	_	-			-	
0288 C	CY4 Rev A	ISHM Testbed and Prototypes						
0289 C	CY4 Rev A	Advance Functional Test of Goembei Instrument Spacecraft Charge Mtr						
0290 C	CY3 Basic	ESS Wireless Network Installation						
0291 C	CY3 Basic	Nano-Tube H2 Gas Sensor						
0292 C	CY4 Rev A	Signal Conditioning for Nan Sensors						
00293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing						
00294 C	CY5 Basic	EZVI Materials testing						
00295 C	CY3 Rev A	Equipment Obsolescence Prioritiles for CTC						
00296 C	CY6 Rev B	Chemochromic Hydrogen Detection Expertise						
00297 C	CY6 Rev. C							
00298 C	CY6 Rev D	Complex 20 Cryogenic Engineering Support						
00299 C	CY3 Basic	VAB Siding Coatings Testing Black Powder Phenomena Study						
00300 C	CY3 Basic	LH2 and LOX Storage Tank Corresion Condition Support						
00302 C	CY5 Basic	Coatings Support for Exploration & Space Port Design						
00303 C 00305 C	CY5 Rev. B CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng						
	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission						
00306 C 00307 C	CY4 Rev A	EVM Process Documentation						
0307 C	CY5 Rev A	NDE Support at Michoud						
00309 C	CY4 Basic	HLA for SGOS Research Activity						
00309 C	CY5 Rev E	Independent Technical Authority Engineering Analysis Support			-			•
00310	CY7 Basic	Infrastructure						
00312 C	CY4 Rev F	EVM Preparation						
0314 C	CY4 Rev A	· · · · · · · · · · · · · · · · · ·						
00315 C	CY5 Rev C							
00317	CY7 Basic	Imaging Systems Support						
00318 C								
00319 C								
00320 C		•						
0321 C								
0322	CY6 Rev A					-		
00323 C		Study of Mobile Helium Conversion System						
0325 C		Evaluation of USMC Hatch Covers						
0326 C								
00327	CY7 Rev A							
00328	CY7 Basic	NESC Technical Support						
00329 C		·						
00330 C								
00331 C								
00332 C								
00333	CY7 Basic	NASA AP2 Program Support						
00335	CY7 Rev A							

Task Order		
C=Closed	Revision	Title
00336 C	CY4 Rev A	JMU Simulator
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems
00342	CY7 Basic	Oxygen Production by Molten Salt

CY 02							
Total Adjusted Target Labor C Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &		

Task

	Order		
	C=Closed	Revision	Title
1	00343	CY7 Rev A	Lunar Water Resource Demonstration (LWRD) Expertise
	00344	CY7 Basic	Regolith Volatile Characterization Expertise
	00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing
	00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications
	00347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology
	00348	CY7 Basic	IT Baseline Configuration Management Support
	00349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node
	00350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller
	00351 C	CY5 Rev A	Solar Water Cracker
	00352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering
	00353 C	CY5 Rev B	NDE Super Problem Resolution Team Support
	00354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery
	00355	CY7 Rev E	Birnetalic Treatment System for PCB Removal
	00356 C 00357 C	CY5 Rev B CY4 Rev B	Lightning Protection System Design EMDS Multiplexer Prototype Fabrication
	00357 C	CY7 Rev B	KT Directorate Engineering Technical Services Support
	00360 C	CY4 Rev B	Lightning Monitoring System Support
	00361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing
	00362	CY7 Basic	Laboratory Relocation to SLSL
	00363	CY7 Basic	Sonic Lightning Locator (SOLLO) LSP Project
	00364 C	CY5 Rev C	Bird Abatement
	00365	CY7 Basic	NASA-STD-5008A Revision Support
	00366	CY7 Rev A	Operational Imaging Support
	00367	CY7 Rev B	Consumables Transfer Technology Development Project
	00368 C	CY7 Rev A	Geotechnical Testing with Lunar Soil Simulants
	00369	CY7 Rev A	Command, Control & Communication Development (CxP)
	00370	CY7 Basic	Command, Control & Communication PM/SE and I (CxP)
	00371 C	CY5 Rev. B	•
	00372	CY7 Rev A	Shuttle Transition and Retirement
	00373 C	CY6 Rev B	Aerodynamic Environment Study of Launch Vehicle Base
	00374 C 00375 C	CY5 Rev A CY5Rev. A	3-D Scene Analysis
	00375 C	CY4 Rev A	Capacitance Based Liquid Level Sensor Landing & Recovery for Spacecraft & PL Processing (CxP)
	00377 C	CY5 Rev A	Smart Networked Elements in support of IHMS Systems
	00378	CY7 Rev A	Specifications and Standards - CxP
	00379 C	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)
	00380	CY7 Rev A	SSPF Spacecraft and Payload - CxP
	00381 C	CY6 Rev B	Safety and Mission Assurance CxP Support
	00382	CY7 Rev A	Constellation Business Management
	00383 C	CY5 Rev B	Architecture of a Lunar Instrument
	00384 C	CY5 Rev A	Window Inspection Technology Upgrade
	00385	CY7 Basic	Constellation Project Configuration Management
	00386	CY7 Basic	Command and Control ARES
	00387 C 00388 C	CY5 Rev A CY6 Rev B	Smart Network Elements (SNE) Prototype Fabrication Launch Coating Operations Support
	00389	CY7 Basic	CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi
	00390 C	CY5 Rev. B	ARES I-1 Pull-Off Umbillical Testing Preparations
	00392	CY7 Basic	VAB High Bay Modification
	00393 C	CY6 Rev A	LCC Firing Room #1 Modification
	00394	CY7 Basic	Hangar AF Modification
	00395 C	CY5 Rev. A	Ares I-1 Pad B Integration
	00396	CY7 Basic	Constellation LC-39B Integration
	00397	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts
	00398	CY7 Basic	CLV Mobile Launcher (ML) Project Management
	00399 C	CY6 Rev D	Window Defect Inspection Device
	00400	CY7 Rev A	USTDC Design and Development Support
	00401 C	CY5 Rev C	Advanced Communications Development Laboratory Support Simulation and Analysis of Launch Teams (SALT)
	00402 C 00403 C	CY6 Rev B CY6 Rev B	LSE Communications System Support
	00405 C	CY6 Rev A	Application of Dust Screen Electrodes
	00406 C	CY5 Rev. A	Electrostatic Characterization of Lunar Dust
	00407 C	CY5 Rev. A	Impregnation of Lunar Simulant with SEZVI
	00408 C	CY5 Rev A	Low Temp Processing of Lunar Regolith to Produce O2
	00409	CY7 Basic	O2 Production System Modeling
	00410	CY7 Rev A	Integration Support to Const (CxP) Ground Syst Development

	CY)2		
Total Adjusted Target Labor Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee

Task Order C≕Closed	Revision	Title
00411 C	CY5 Rev B	Cryogenic Tank Insulation Test Support
00412	CY7 Rev B	Dust Mitigation
00415	CY6 Rev B	NASA Consolidation of Active Directory Support
00416 C	CY6 Rev A	Coatings Support
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays

CY 02							
Total Adjusted Target Labor Costs		Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &		

Task Order		
C=Closed	Revision	Title
00420 C	CY5 Rev B	LIVIS-CWLIS Performance Analysis
00421	CY7 Rev A	Multi-Mission Support Equip (MMSE) For CxP
00422	CY7 Basic	Non-Destructive Evaluation Technologies Development
00423	CY7 Rev B	, and a special contract of the contract of th
00424 C	CY5 Rev C	
00425 00426	CY7 Basic	CLV ML Fluid Systems
00426 00427 C	CY7 Rev A CY6 Rev B	Electrical and Control & Data Division EDL Lab Support Solar Thermo Molecular Sieve H2/O2 Production
00428 C	CY6 Rev B	
00429	CY7 Basic	Data Presentation and Visualization
00430 C	CY6 Rev C	Eval - Test of Thermally Efficient Composite Mat. for Fluid Sys
00431 C	CY6 Rev A	
00432 C	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTan
00433 C	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology
00435 C	CY6 Rev A	AR7 Coating Replacement
0436 C	CY6 Rev A	Polyimide Based Powder Coatings
00437 C	CY5 Rev C	GN2 Filtration Using Electrostatic Methods
00438 C	CY6 Rev A	IR Leak Visualization
00439 C 00440 C	CY5 Rev A CY7 Rev A	Acceptance Testing Digital Video Transmission Syst
0440 C	CY7 Basic	IPP Ground Operations Health Management IPP Self-Healing Wiring
00442 C	CY5 Rev A	Fluid Dynamics Conference Manuscript
00443 C	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)
00444	CY7 Basic	IPP Nanosensors
00445	CY7 Rev A	White Light Interferometric Depth Gage
0446 C	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification
	CY7 Rev A	Hypergol Detection
	CY7 Basic	PC Based Command & Telemetry Workstation
	CY6 Rev B	Coastal Radar Video Surveillance System
	CY7 Basic	CTC Equipment Obsolescence Implementation
	CY5 Rev B	Experimental Imaging Lab Infrastructure
	CY7 Rev A CY5 Rev A	ML Electrical Sys. Supp. for Constellation Ground Sys.
	CY6 Rev C	ATM Transmission System Replacement Hubble Service Repair Mission ESPL Support
	CY7 Basic	Materials Science Lab Support
	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support
	CY7 Basic	Engineering Analysis for Constellation
0461	CY7 Basic	TEERM and AFSPC Program Support
0462	CY7 Rev A	Mimally Intrusive Repair, Detection, and Self-Repair Systems
	CY7 Rev A	Smart Coatings for Corrosion Detection and Control
	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity
	CY6 Rev C	Technology Investment in Cryogenic Applications
	CY6 Rev B	Optical Properties of Lunar Soil Erosion
	CY6 Rev B	NASA Lessons Learned Program Support
	CY7 Rev A CY6 Rev D	Polymer Science and Technology Lab Support Electrostatic Research on Martian Soil
	CY7 Rev C	Excavation Hardware Development
	CY7 Rev A	Lunar Soil Dust Standards Development
	CY7 Rev A	IT System Services infrastructure
	CY7 Basic	US Army Vehicle Coating Study
0474 C	CY6 Rev B	CLV/VEV Processing & Access GSE in the VAB
	CY6 Rev C	Hangar AF GSE for CxP
	CY7 Rev C	KSC Hydrogen Dispensing Station
	CY7 Rev B	Corrosion Labs
	CY7 Rev C	Applied Chemisty Labs Infrastructure
	CY6 Rev B CY7 Basic	Cryogenic Test Lab Operational Support Initiatives
	CY7 Rev A	System(s) @ LC39B ISRU Beneficiation
	CY7 Rev A	Heatshield Adapter
	CY6 Rev C	ATXS Replacement Support
	CY7 Basic	ARL Coatings and Corrosion Research
	CY7 Basic	S&MA Products for CxP Subsystem Development
10485		
	CY7 Rev B	Design Engineering Handbook
0486	CY7 Rev B CY7 Basic	Design Engineering Handbook XPS Support

L	 CY	02		
Total Adjusted Target Labor Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee

 Task Order
 Revision
 Title

 00489 C
 CY7 Rev A
 Excavation Modeling System

 00490 CY7 Rev C
 ROXYGEN Regolith Feed System

 00491 CY7 Basic
 Chilled Gaseous Helium Evaluation and Demo

 00492 C
 CY6 Rev B

 infrared Camera-Based Fire Detection

 00493 C
 CY7 Rev A

 PELT Sensor - Phase 2

	 CY	02		
Total Adjusted Target Labor Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee

Task

Order		
C=Closed	Revision	Title
00495	CY7 Rev B	ISRU Systems Demo - ROXYGEN
00496	CY7 Basic	CNT Ink for Dust Mitigation
00497	CY7 Rev A	LX-C & UB Special Spt for CxP
00498 C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements
00499	CY7 Rev A	Electro-Magnetically Actuated Ball Valve Development
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor
00501	CY7 Basic	Software Process Improvement
00502	CY7 Basic	Physics Concepts Support
00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization
00504	CY7 Rev A	Cryo & Fluids Technology Focus Areas Support
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad
00507 C	CY6 Rev B	Helium Sensing & Purge Gas Reclamation
00508	CY7 Rev A	GMRO Lab Infrastructure Support
00509 00510	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support
00511	CY7 Rev A CY7 Basic	New Materials for Structural Composites and Conductive Coat NAVAIR Support for Non-Chrome Coatings
00512 C	CY6 Rev F	Online Wiring Diagnostics
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.
00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.
00522 C	CY7 Rev A	Composite Conductors for Lightning Strike Mitigation
00524	CY7 Basic	NASA Materials Science WCSP/WCSD Server Sys. Admin.
00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection
00528	CY7 Basic	Parallel Cryogenic Pumping Capability
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump
00531	CY7 Basic	Integrated Ground Systems Diagnostics
00532 C 00533	CY6 Rev C	Flow Detection System for WCCS
00534	CY7 Basic CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM
00535	CY7 Basic	Cryogen Storage in Aerogel Composites Low VOC Topcoats for Thermal Spray Coatings
00536	CY7 Basic	Mars Architecture Team (MAT) Study
00537 C	CY6 Rev A	Crawlerway Foundation Study
00538	CY7 Basic	PAD 39B CLV LH2
00539	CY7 Rev A	NDE Techniques for Monitoring Fairings
00540	CY7 Basic	Aerocoat AR-7
00541	CY7 Basic	Orion SPE Fluid Systems
00542	CY7 Basic	Fluid Systems (CxP) Integration Support
00543	CY7 Rev A	LSP Facilities Project Management Support
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support
00546	CY7 Basic	Software Development for Rapid Propellant Loading
00547	CY7 Rev A	Rapid Loading Cryo Systems for Simulated Launch Vehicle Refractory Materials for Flame Deflector Protection System
00548 00549	CY7 Basic CY7 Rev A	Ares I-X Stack-5 Ground Support Equipment
00550	CY7 Basic	LETF Constellation Test Support
00551	CY7 Basic	Coastal Radar Video Surveillance System installation
00552	CY7 Rev A	S&MA Level IV Support for the Constellation Ground Systems
00554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems
00556	CY7 Rev A	NASA PH-N Logistics Engineering Support
00557	CY7 Basic	ESTCP Coating Test
00558	CY7 Basic	Dust Mitigation for Solar Panels
00559	CY7 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process
00560	CY7 Basic	MPPF Upgrade CxP Project Support
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks
00563	CY7 Rev A	Descent Plume/Ejecta Analysis for Constellation
00572	CY7 Basic	Propellant Conditioning Constellation Logistics Support Applying
00573 00574	CY7 Basic CY7 Rev A	Constellation Logistics Support Analysis VIE Handling and Access GSE Design
00574	CY7 Rev A	IT Communications System Support
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support
00577	CY7 Basic	Launch Vehicle Processing Business/Technical Resource
00578	CY7 Basic	ISS and Spacecraft Processing Support
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L	CY	02		
Total Adjusted Target Labor Other Dire Costs Costs	Total ect Estimated Cost	Award Fee	Incentive Fee	Total Cost &

Base Perio	od Task Orde	r Summary	CY 02					
Task Order C=Closed	Revision	Title	Total Adjusted Target Labor Costs		Total Estimated Cost	Award Fee	Incentive	
00579	CY7 Basic	Process Management Support for Crew Launch Vehicle	Costs	Costs	Cost	AWARD Fee	Fee	fee
00579	CY7 Basic	Shuttle Turnaround Planning and Manifesting						
00584 C	CY6 Rev A	System Maintenance Engineering Support for TA						
00585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						
00586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						
	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						
00588	CY7 Basic	Information Systems Division Support						
00589	CY7 Basic	Smart Algorithms for Nano Sensor						
00590	CY7 Basic	Connector Electrical Integrity Checks Using Ultrasonics						
00590	CY7 Basic	VAB Firex FIC Design						
00592	CY7 Basic	Solid Rocket Processing Element Support						
00593	CY7 Basic	Helium Conservation						
00594	CY7 Basic	Iridium-Based Inert Anodes						
00595	CY7 Basic	Recycling Methane Production						
	CY7 Basic	Continuous Flow Sintering System for Lunar Surface Stabilization						
00597	CY7 Rev A	New Organic Zinc Rich Primer for Launch Structures						
00598	CY7 Basic	In-Situ Propellant Conditioning						
00599	CY7 Basic	Portable Hand-Position Orbiter Window Inspection Device						
00600	CY7 Basic	Large Cryogenic Tank NDE Techniques						
00601	CY7 Basic	Magnetic Excavation and Transport of Lunar Soils						
00602	CY7 Basic	Propellants Management						
00603	CY7 Basic	Online Cable Tester						
00604	CY7 Basic	Regolith O2 Feedstock Excavation						
00605	CY7 Basic	Lunar Implement Quick Attach Interface for Chariot						
	CY7 Basic	Continuous Lunar Water Separation Process						
00607	CY7 Basic	Lunar Dust Tolerant Quick Disconnect Connectors						
00608	CY7 Basic	Investigation and Modification of Hypergolic Indicating Wipes						
00609	CY7 Basic	Launch Accessories Expert Support						
00610	CY7 Basic	Non Destructive Evaluation/Inspection Corrosion Under Paint						
00611	CY7 Basic	Refractory Concrete						
00614	CY 7 Basic	CxP Blast Mitigation Support						
		TOTAL						\$25,098,22
		ADJUSTMENT TO ACTUALS	CY 2 Adj to Act	uals				-\$2,814,55
			Contract Value					\$22,283,67

	Base Perio	od Task Orde	r Summery		····	CY	03		
Target Labor Target Carbon Target Carbon Target Carbon Target Carbon Costs	Tack		·	Adjusted					
Committee Sept	Order		1		Other Direct			incentive	Total Cost &
CORPORATE Composition Co				Costs	Costs	Cost	Award Fee		fee
Common C									
DODIT C Rev 8 Hydrogen Percotab Decomposition Sp.	00005 C	CY5 Rev D							
D0008 C Rev A Colorating for Protection of Concrete Sp.									
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00016 C Y2 Basic Communications Engineering Infrastructure \$477,884 00016 C Y2 Basic SS LAN Documentation and User Guides \$9 00016 C Y24 Rev B Advanced Communications Development \$285,738 00016 C Y24 Rev B Advanced Communications Development \$285,738 00016 C Y24 Rev B Advanced Communications Development \$283,339 00016 C Y24 Rev B Advanced Communications Development \$313,300 00017 C Y24 Rev B Advanced Service Level Assessment (VSLA) \$30 00018 C Y24 Rev B Sevice Level Assessment (VSLA) \$30 00024 C Y24 Rev B Electrostates Called TV Alert System \$30 00026 C Y27 Rev B Electrostatics and Materials Physics Testede \$35 00026 C Y27 Rev B Electrostatics and Materials Physics Testede \$35 00026 C Y27 Rev B Electrostatics and Materials Physics Testede \$35 00026 C Y27 Rev B Electrostatics and Materials Physics Testede \$35 00036 C Y27 Rev B Electrostatics and Materials Physics Testede \$35 00036 C Y27 Rev B Electrostatics Average Av			Corrosion Detection, Prediction and Prevention						\$107,150
DOUBLE C CY2 Basic SDL Network Architecture & Routing Protocools SD									
DODIT C Rasie SSC LAN Documentation and User Guides S90016 C 74 Rev C Abracod Communication Development S266,738 S267,738									
2001 C 74 Rev F Advanced Communications Development \$287,738									
CO0036 C / Y Rev C Prev D They clares & Security Technologies \$313.300									
CODDIC CYP Rev A Perver KS evenic Level Assessment (NSLA) Sp.									
00022 C Basis Loss Common (JMS) Comminication Technology 50 00024 C CVT Basis Common (JMS) Sas Common (JMS) 50 00026 C Rev A Halon Replacement (JMS) 50 00026 C CVT Basis Common (JMS) Electrostatics and Materials Physics Testbed 325,187 00026 C CVT Basis Common (JMS) Electrostatics and Materials Physics Testbed 325,187 00036 C CYT Basis Common (JMS) Basis Common (JMS) 330,000 00031 C CYT Basis Common (JMS) Miscellaneous Operations Support 333,000 00032 C CYT Basis Common (JMS) LETF & Instrumentation OAM 31,349,000 00033 C CYT Basis Common (JMS) LETF & Instrumentation OAM 31,349,000 00034 C CYT Basis Common (JMS) LETF & Instrumentation OAM 31,349,000 00035 C CYR Basis Common (JMS) LOY Pump Qualification Testing 35,799 00035 C CYR Basis Common (JMS) SOS (JMS) 35,799 00035 C CYR Basis Common (JMS) SOS (JMS) 35,000 00036 C CYR Basis Common (JMS) SOS (JMS) 35,000	00020	CY7 Rev A	IT Systems & Security Technologies						
00024 C Pil Basic Remote Monitoring and Alarm System (RIMAS) 50 00024 C C Pil Basic Rew A 50 00026 C YP Basic Lectrostatics and Materials Physics Testbed 25,187 00026 C YP Basic Electrostatics as Materials Physics Testbed 25,187 00028 C Basic Biochy Basic Biochy Basic 35,187 00030 C YP Basic Development of KSC Infrastructure Documentation 34,408 00031 C YP Basic Development of KSC Infrastructure Documentation 33,008 00032 C YP Basic Procf-of-Concept Support 33,008 00033 C YP Basic Procf-of-Concept Support 35,000 00034 C YP Basic Procf-of-Concept Support 35,000 00035 C YP Basic Advanced Technology Development Center (ATDC) - Phase 1 35,000 00036 C YP Basic Cory Rev A L Advanced Technology Development Center (ATDC) - Phase 1 35,000 00036 C YP Basic Cory Rev A L Stock Annual Process Annual Pr									\$0
00024 C CVI Basic Emergency Broachast Cable TV Alert System 90 00026 C RW A Holm Replacement 90 00026 C VZ Bavis Electrostatics and Materials Physics Teethed 325,187 00026 C VZ Bavis Electrostatics and Materials Physics Teethed 92,187 00030 C VZ Bavis Park (VZ Bavis Park) 93 00031 C VZ Bavis Park (VZ Bavis Park) 94,080 00031 C VZ Bavis Park (VZ Bavis Park) 1,383,095 00032 C VZ Bavis (VZ Bavis Park) 1,590,000 00034 C VZ Bavis (VZ Bavis Park) 1,590,000 00034 C VZ Bavis (VZ Bavis Park) 1,590,000 00035 C VZ Bavis (VZ Bavis Park) 1,500,000 00036 C VZ Bavis (VZ Bavis Park) 1,500,000 00037 C VZ Bavis (VZ Bavis Park) 1,500,000 00038 C Davis Park (VZ Bavis Park) 1,500,000 00040 C VZ Bavis (VZ Bavis Park) 1,500,000 00041 C VZ Bavis (VZ Bavis Park) 1,500,000 00042 C VZ Bavis (VZ Bavis Park) 1,500,000 00045 C VZ Bavis (VZ Bavis Park) 1,500,000 00046 C VZ Bavis (VZ Bavis Park) 1,500,000 00047 C VZ Bavis (VZ Bavis Park) 1,500,000 00047 C VZ Bavis									
00026 C Rev A DO026 C 77 Basic Halon Replacement \$25,197 00026 C 77 Basic Electrostatos & Materials Physics Testbed \$25,197 00028 C Basic Poly CY Pasic Electrostatos & Surface Physics RAD \$30,000 00030 C 77 Basic Development of KSC Infrastructure Documentation \$44,086 00031 C 77 Rev A Electrostatos & Surface Physics RAD \$33,005 00032 C 77 Rev A Electrostatos Revisions Support \$33,005 00033 C 77 Rev A Electrostatos Radional Support \$1,340,000 00034 C 77 Rev A Electrostatos Radional Revisions Support \$1,340,000 00035 C 77 Rev A Electrostatos Radional Revisional Revis									
CO026 C Y Rasis Electrostatics and Materials Physics Testbed \$25,187 CO026 C Y Ravis Payload Contamination Montoring \$1 CO037 C Y Ravis Miscollamous Operations Support \$33,036 CO031 C Y Ravis Miscollamous Operations Support \$33,036 CO032 C Y Ravis List F & Instrumentation OAM \$13,349,000 CO034 C Y Ravis List F & Instrumentation OAM \$1,349,000 CO035 C Y Ravis List F & Instrumentation OAM \$1,349,000 CO035 C Y Ravis List F & Instrumentation OAM \$1,349,000 CO036 C Y Ravis List F & Instrumentation OAM \$173,299 CO035 C Y Ravis List F & Instrumentation OAM \$173,299 CO036 C Y Ravis Deviant Test Operations Infrastructure and LET F OAM \$50,000 CO0312 C Y Ravis Deviant Test Operations Infrastructure and LET F OAM \$50,000 CO032 C Y Ravis Deviant Test Operations Infrastructure and Let F OAM \$50,000 CO034 C Y Ravis Deviant Test Deviant Test Test Test Test Test						-			
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CO0301 C77 Basis Development of KSC Infrastructure Documentation \$44,086 \$33,036 \$700,0032 C 077 Beav Miscellaneous Operations Support \$78,900 \$78,900 \$79		CY2 Rev B							\$0
C0031 C YF Basic Niscellaneous Operations Support \$33.055 C0032 C YF Basic Pool-O-Concept Support \$158.000 C0033 C YF Ber A LETF & Instrumentation O&M \$1.349.000 C0034 C YS Basic LOX Pump Qualification Testing \$27.990 C0035 C YS Rev A Cov Pump Qualification Testing \$27.990 C0036 C YS Rev A Dev and Test Operations Infrastructure and LETF O&M \$175.290 C0037 C YS Rev A Dev and Test Operations Infrastructure and LETF O&M \$55.200 C0031 C YS Rev A Dev and Test Operations Infrastructure and LETF O&M \$55.200 C0031 C YS Rev B Dev and Test Operations Infrastructure and LETF O&M \$55.200 C0041 C YS Rev B Development Septiment Septiments and Technical Support \$22.939 C0042 C YF Rev A Engineering Technical Sevices Support & CADICAE Support \$347.560 C0044 C Rev A A ATTW GASTWG Integration and Conference Support \$347.560 C0045 C YS Rev A Base A Contrastructure Septiments Septiments Septiments Septiments Septiments									\$0
COX2 C CYA Basic Proof-of-Concept Support \$759,000 COX3 C CYA Ber A LETE & Instrumentation OAM \$1,349,000 COX3 C CYA Ber A LOX Pump Qualification Testing \$27,999 COX3 C CYA Ber A Mech, Struct, & Controls & GSE Dev Lab O&M \$1759,200 COX3 C CYA Ber A Mech, Struct, & Controls & GSE Dev Lab O&M \$1759,200 COX3 C CYA Ber A Basic Control & CYA Ber A Dev and Test Operations Infrastructure and LETF O&M \$550,200 COX3 C CYA Ber A Basic Systems Engineering (NGLT) \$550,200 COX1 C CYA Ber A CYA Ber A CYA Ber A Ber A CYA Ber A Ber									
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00036 C CV3 Basic LOX Pump Qualification Testing \$27,999 00036 C CV3 Rev A Dev and Test Operations Infrastructure and LETF O&M \$550,200 00037 C Size A Dev and Test Operations Infrastructure and LETF O&M \$550,200 00041 C CV3 Rev B Basic CV7 Rev A Dev and Test Operations Infrastructure and LETF O&M \$550,200 00041 C CV7 Rev B Book CV7 Rev C CV7 Rev									
C0038 C C Y3 Rev A Dev and Test Operations Infrastructure and LETF 0&M \$550,200 C0039 C Basic PGHMA Enhancements and Technical Support \$228,949 C0041 C C Y3 Rev B Systems Engineering (NGLT) \$228,949 C0042 C C Y7 Rev A Engineering Technical Services Support \$647,566 C0044 C Rev A A RTTWG/ASTWG Integration and Conference Support \$23,055 C0044 C C Y7 Bave S Specifications, Standards, and Kennedy Documented \$23,055 C0045 C C Y6 Rev B SS Support Equipment Fabrication, Integration, and Testing \$30,000 C0047 C C Y3 Rev A Beach Corrosion Data Acquisition System Support \$30,000 C0047 C C Y3 Rev A Hazardous Gas Detection System (HGDS) 2000 \$39,371 C0050 C C Rev A Hazardous Gas Detection System (HGDS) 2000 \$39,371 C0052 C C Y4 Rev B Hazardous Gas Detection System (HGDS) 2000 \$39,1718 C0055 C C Y4 Rev A Hazardous Gas Detection System (HGDS) 2000 \$39,1718 C0056 C C Y4 Rev A Shuttle Transducer Devolopment \$30,201									
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COV24 C CYF Rev C COURS Engineering Technical Services Support & CADICAE Support \$497,550 CO044 C Rev A CVF Rev A COURS Rev A ARTWG/ASTWG Integration and Conference Support \$647,646 CO045 C CYS Rev B Sic COVER Rev B Septications, Standards, and Kennedy Documented \$23,085 CO047 C C YS Rev B Septications, Standards, and Kennedy Documented \$23,085 CO047 C C YS Rev B Septications, Standards, and Kennedy Documented \$30,000 CO047 C C YS Rev B Septications, Standards, and Kennedy Documented \$30,000 CO047 C C YS Rev B Septications, Standards, and Kennedy Documented \$30,000 CO050 C Rev A Document B Sevice Controls Integration System Support \$393,971 CO051 C C YS Rev A CO050 C PR Bev A CO050 C CYP Basic COVER Septication System (HGDS) 2000 \$30,000 CO051 C Basic C CYP Rev B Size C Controls Integration System (HGDS) 2000 \$30,400 CO052 C C YR Rev B Size C Controls Integration System Sy									
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00046 C C Y5 Rev. B ISS Support Equipment Fabrication, integration, and Testing \$80,705 00047 C C Y3 Rev. A Beach Corrosion Data Acquisition System Support \$30,000 00049 C Y7 Rev. B LETF Shuttle Operations Testing Support \$33,971 00050 C Rev. A LETF Shuttle Operations Testing Support \$39,971 00051 C CY6 Rev. A GSE Controls Integration \$31,718 00052 C CY7 Basic Command and Control Laboratory Infrastructure \$280,440 00053 C C Y4 Rev. B Upgrade Hypergol Flow Meters Support \$0 00054 C C Y4 Rev. B Shuttle Transducer Laboratory Support \$30,9201 00055 C C Y4 Rev. A Shuttle Transducer Development \$30,9201 00056 C C Y2 Basic Solititis Transducer Development \$30,9201 00056 C C Y4 Rev. A Solititis Transducer Development \$0 00057 C C Y4 Rev. A Solititis Transducer Development \$0 00058 C C C Y4 Rev. A NIST Traceable Portable Pressure Standard \$68,530 00061 C Rav. A Vibroaccustic Prediction for Ground Support Equipment \$0 00062 C C Y2 Rev. A Vibroaccustic Prediction for Ground Support Equipm									\$0
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00049 CY7 Rev B LETF Shuttle Operations Testing Support \$333,971 00050 C Rev A Hazardous Gas Detection System (HGDS) 2000 \$0 00051 C CY6 Rev A GSE Controls Integration \$391,718 00052 C CY7 Basic Command and Control Laboratory Infrastructure \$280,440 00054 C CY7 Basic Command and Control Laboratory Support \$0 00056 C CY7 Rev B Shuttle Transducer Development \$393,201 00057 C CY7 Rev A Shuttle Transducer Development \$303,201 00058 C CY2 Basic In-Situ Pressure Calibration System \$0 00059 C CY4 Rev A NIST Traceable Portable Pressure Standard \$0 00060 C Rev A Advanced Hazardous Gas Detection System Development \$0 00061 C Rev A Vibroaccustic Prediction for Ground Support Equipment \$0 00062 C CY2 Rev A Vibroaccustic Prediction for Ground Support Equipment \$0 00064 C CY2 Rev A Vibroaccustic Prediction for Ground Support Equipment \$120,363 00071 C CY3 Rev B <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
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00056 C CV Hee B S Shuttle Transducer Development \$309.201 00057 CY7 Rev A S (00058 C CY2 Basic CY7 Rev A (00058 C CY2 Basic Double Pressure Calibration System Space Color Cy7 Rev A (00058 C CY2 Basic Double Pressure Calibration System Space Cy7 Rev A (00058 C CY2 Rev A (00058 C CY3 Rev A (00058 C C) (000									
00567 C CY7 Rev A Suttle Transducer Obsolescence \$274,984 0058 C CY2 Basic In-Situ Pressure Calibration System \$88,530 0056 C Basic Acoustic Scaling Methodologies \$8,530 0056 C Rev A Advanced Hazardous Gas Detection System Development \$9 0056 C CY2 Rev A Vibroacoustic Prediction for Ground Support Equipment \$0 0056 C CY2 Rev A Vibroacoustic Prediction for Ground Support Equipment \$1 0056 C CY2 Rev A Vibroacoustic Prediction for Ground Support Equipment \$0 0057 C CY2 Rev A Thermal Insulation Materials for Cryogenic Applications \$0 00070 C CY3 Rev B SBI/STTR Support \$120,363 00072 C CY2 Rev A EET FOOL Load Testing Support \$120,363 00076 C CY2 Rev A Eet FOOL Load Testing Support \$0 00076 C CY2 Rev A Eet FOOL Load Testing Support \$0 00076 C CY2 Rev A Eet FOOL Load Testing Support \$0 00076 C CY2 Basic Capcitance Based Sensors \$0									
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COD62 C CV2 Rev A Vibroacoustic Prediction for Ground Support Equipment S0									\$0
C0063 CY7 Rev D Cyogenics & Fluids Infrastructure & Cryogenic Steel Lab O&M \$476,046 C0064 C CY2 Rev A Thermal Insulation Materials for Cryogenic Applications \$120,363 C0071 C CY3 Rev B SBIR/STTR Support \$149,999 C0072 C CY2 Rev A Ences for ISS and EVA \$0 C0076 C CY2 Basic Loser Processing of Spaceport Materials \$0 C0078 C CY2 Basic Capcitance Based Sensors \$0 C0079 C CY3 Basic Coptiance Based Sensors \$0 C0080 C CY6 Rev A Software Process Improvement Effort \$121,128									
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C0072 C CV2 Rev A E-nose for ISS and EVA \$0 C0074 C CV2 Basic Technical Documentation Database System \$0 C0076 C Basic Laser Processing of Spaceport Materials \$0 C0079 C CV3 Basic Capcitance Based Sensors \$0 C0079 C CV3 Basic NGLT Project Management Support \$0 C0080 C CV6 Rev A Software Process Improvement Effort \$1.128	00070	CY7 Rev A	SBIR/STTR Support						\$120,363
C0074 C C Y2 Basic Technical Documentation Database System \$0 C0076 C Basic Laser Processing of Spaceport Materials \$0 C0078 C CY2 Basic Capcitance Based Sensors \$0 C0079 C CY3 Basic Capcitance Based Sensors \$0 C0078 C CY3 Basic NGLT Project Management Support \$0 C0080 C CY6 Rev A Software Process Improvement Effort \$401.128									\$149,999
COD76 C Basic Laser Processing of Spaceport Materials \$0 COD78 C CV2 Basic Capitaince Based Sensors \$0 COD79 C CV3 Basic NGLT Project Management Support \$0 COD80 C CV6 Rev A Software Process Improvement Effort \$451.128									\$0
COD78 C									
CO079 C CY3 Basic NGLT Project Management Support , \$0 CO080 C CY6 Rev A Software Process Improvement Effort \$\$\frac{1}{28}\$									
00080 C CY6 Rev A Software Process Improvement Effort \$161,128									, \$0
CO081 CY7 Rev A MSBLS Flight Inspection System Support \$156,004			Software Process Improvement Effort						\$161,128
	00081	CY7 Rev A	MSBLS Flight Inspection System Support						\$156,004

Task				···		Y 03		
Order C=Closed	d Davidat		Adjusted Target Labor	Other Direct	Total Estimated		Incentive	Total Oc.
oose C		Title ,Flight Modern Project	Costs	Costs	Cost	Award Fee	Fee	Total Cost a
0083	CY7 Rev A							,,,,
0084	CY7 Rev B							\$88,9
0085	CY7 Basic	Weather Projects Support)	\$157,2
0086	CY7 Rev C	Autonomous Flight Safety System (AFSS)					3	\$25,6
0087	CY7 Rev B	Emerging Communication Technology (ECT)						\$213,6
0088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						\$378,5
0089 C	CY2 Rev B	Intelligent Cable Tester						\$219,5
0090 C 0091 C	CY3 Rev B Basic	KCCS Infrastructure Conversion						\$57,8 \$602,8
0092	CY7 Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$002,5
0093 C	CY2 Rev A	NAVAIDS Flight Inspection System Development Airborne Particle Counting						\$417,0
0094	CY7 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						· · · · · · · ·
0096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$361,8
0098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II						:
0099 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						
102	CY7 Basic	Agency Security Update Service (ASUS)						\$142,5
105 C	Basic	Failsafe Jackscrew						\$172,0
)111 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						
)115 C	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						foc o
	Basic	WB TAU Certification for Flowliner						\$26,3
	Basic Basic	Cryolab Oxygen Monitor						
	Basic	Fire Detection Evaluation						
	Rev A	Support Equipment Coating Study RWGS						
	CY4 Rev A	Minature Smart Leak Sensor						9
	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						\$87,96
	Basic	Spaceport Processing System LPS Survivability Task						\$34,97
131 C	CY3 Rev B	KSC BTU Measurement System						5
	CY2 Rev B	Development of Portable Hydrazine Detector						\$11,35
	Rev B	STS-107 Investigation Support						\$
	CY5 Rev. A	Hydrazine Detection Systems (Mini Mass Spectrometer)						\$
	CY2 Rev A	Modeling of Advanced Physics Concepts						\$8,46
	CY2 Rev A	Thermal Insulation System Retrofit						\$ \$
	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						\$ \$
	Basic	High Pressure, High Shock Mass Level Sensor						\$26.71
	CY 2 Rev B	Systems Engineering Tools Assessment Mars Dust Partical Analyzer				***		\$
	CY 2 Rev B	EVM Support to YA						Š
	Rev A	ELV Lightning Detection Support						\$
147 C	Basic	Orbital Space Plane (OSP) Project MGMT Support						\$
148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						\$0
	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						\$0
	Basic	Hemote Imaging of Hydrogen and Helium Leaks						\$0
	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						\$
	Basic	Long Distance Transfer Piping						\$
	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$158,45
		OTV System Modernization						\$158,45 \$
		LSP Instrumentation Support						\$14,75
	Basic	Assessment of Bio and Phy Sample Processing Capabilities Seawater Immersion Facility Support						\$14,75
		Non-Destructive Examination Support in Preparation for RTF						\$i
		Millimeter Wave Imaging Support						\$573,17
		Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						\$400,68
	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						\$1
	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						\$
	CY2 Rev C	Experiment Management Unit (EMU) Development Support						\$0
	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels		4.4			****	\$0
	CY2 Basic	RF Health Node						\$0
	CY2 Rev C	Hazardous Environment Equipment Upgrades						\$0
	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						\$0 \$0
	CY2 Basic	ELV GN2 Pressure Reducing Panel						\$0
	CY2 Rev C CY2 Basic	ATDC Engineering Study and Implementation Plan						\$(
		Launch System Test-bed (LST) Infrastructure Support						
71 C		I DC Operations and Marianas and						€r
71 C (CY2 Basic	LPS Operations and Maintenance Support						\$0 \$0
71 C (73 C (74 C (CY2 Basic CY3 Rev B	LPS Operations and Maintenance Support Oxidation of NO to NO2 with Hydrogen Peroxide Thruster ISRU Quick Assessment						\$0 \$0 † \$338

Revision	Title
CY2 Rev A	hyper Spill Detection System
CY2 Rev E	Polymide Wire Insulation Repair Material
CY2 Rev E	New Microencapsulated Membrane
	CY2 Rev E

		C'	7 03		
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee \$6
					\$

	riod Task Ord	•	L		C	Y 03		
Task Order			Adjusted		Total			***************************************
C≃Close	d Revision	Title	Target Labor		Estimated		Incentive	Total Cost &
00181 C			Costs	Costs	Cost	Award Fee	Fee	fee
0182 C		Electrostatic Breakdown in Launch Vehicle Systems						
00183 C	CY2 Basic	Vision Location System Research						Š
00184 C	CY2 Rev A	LASER Repair Applications						\$
00185 C	CY2 Rev B	Electro-Optic Electric Field Measurements						. \$
00186 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						\$
00187	CY7 Rev A	Hazardous Gas Detection Applications						\$
00188 C	CY2 Rev A	Intelligent Algorithms						\$451,76
00189 C	CY2 Rev A							\$
00190	CY7 Basic	Development Systems Support for SPS Development Lab						\$
00193 C	CY2 Basic	Knowledge Management for Ground Processing						\$316,41
00194 C	CY3 Rev C							\$
00195 C	CY4 Rev A	Return to Flight Ground Carnera Project						\$16,79
0198 C	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise						\$1,306,22
0199 C	CY4 Rev A	Ground Processing Shop Aids and Tools						\$385,69
0200 C	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						\$317,92
0201 C	CY4 Rev C	Launch System Testbed O&M						
0202 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						\$98,600
0203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						\$107,18
0204 C 0205 C	CY2 Basic	Development of Acoustic Estimate Tool						\$0
0205 C	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						\$0
0200 C	CY5 Rev B CY3 Rev C	Formulation of Polymer Materials for ESD & Flame Retardency						\$0 \$33.875
0208 C	CY3 Rev A	Ablator Impact Testing						\$548,241
0209 C	CY2 Rev B	Wireless Networks and Sensors						\$31,576
0210 C	CY4 Rev A	ESS Wireless Network Installation						\$31,576
0211 C	CY2 Basic	Constellation Project Management & System Engineering						\$1,831,809
0212 C	CY4 Rev A	System Administrator Certifications PCG2 System Support						\$1,001,000
0214 C	CY5 Rev D	Consument Technology Comments (OTO) Comments						\$143,397
0215 C	CY2 Rev A	Concurrent Technology Corporation (CTC) Coupon Study HyTEX RF Health Node						\$23,610
0216 C	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						\$0
0217 C	CY5 Rev A	NAVAIRCoatings Study						\$58,476
0218 C	CY6 Rev A	ASTWG/ARTWG Conference Support						\$33,716
0219 C	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						\$8,779
0220	CY7 Basic	Non-Governmental VCS's and Standards						\$18,087
0221 C	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						\$29,858
0222 C	CY5 Rev A	NESC Technical Support						\$141,944
0223 C	CY2 Basic	Coriolis Flow Meter Testing						\$49,211
0224 C	CY3 Rev B	SLF ATCT Equipment and Cable Installation						\$0
0225 C	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						\$22,590
0226 C	CY4 Rev B	Detection & Measurement of Water in Spaceflight Materials						\$5,305
0228 C	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						\$54,089
229 C	CY4 Rev A	De-painting Technology for Structural Steel						\$50,000
230 C	CY5 Basic	Polyurethane Replacement Coatings						\$69,995
231 C	CY4 Rev A	Intergated Intelligent Health Management System (OSF)						\$210,659
232 C	CY4 Rev B	Self Validating Thermocouple System						\$139,242
233 C	CY3 Rev C	Thermal Cnti Sys Mulit-layer Blankets Grounding & Electrostatic Eval						\$51,876
234 C	CY2 HeV A	Environmental Monitoring Support						\$169,382
235 C	CY3 Rev A	System Component Selection Tool Demonstration Project						\$0
	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						\$7,267
	CY2 Rev A	Hypergolic Trigger Level Sensor						\$0
238 C	CY3 Rev A	Debris Recognition Camera Image Analysis						\$0
	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)						\$282,197
	CAS Hev B	Bimettalic Emulsion for PCB Extraction						\$1,586,378
	CY4 Rev A	Boeing Space Station Support						\$0 \$5 100
	CY3 Rev A	Usability Study of Virtual and Simulation Environments						\$5,199
	C Y2 HeV B	Wire Insulation Repair & Self-Healing Technology Development						\$67,302
	CY3 Rev A	Construction and Demolition Debris Characterization			-,			\$0
	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation						\$0
	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						\$285,893
	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						\$12,095
	CY4 Rev A	Chemical Vapor Detection Expertise						\$0
	CY4 Rev A	Analytical Instrumentation Expertise						\$117,649
	CY3 Rev E	Wire Insulation and Membrane Expertise						\$43,508
	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure						\$291,031
	C 15 Basic	Electrostatics and Surface Research						\$0 \$355.370
	CY5 Rev B	Environmental Remediation Expertise						\$355,279 \$211,884
COMIC	CY4 Rev B	NESC SRB Stud Hang-up Testing						Φ4, i i, 004

 Task Order
 Revision
 Title

 00260 C CV3 Rev A 00261 C CV4 Basic CO262 C CV3 Rev E 00262 C CV3 Rev E

		C	/ 03		
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee \$33,684 \$59,997 \$119,999

Base Peri	iod Task Orde	er Summary			C	Y 03		
Task			Adjusted		Total			
Order			Target Labor	Other Direct	Estimated		Incentive	Total Cost &
C=Closed 100263 C	d Revision CY5 Rev A	Title ,Physics of Rocket Exhaust Cratering	Costs	Costs	Cost	Award Fee	Fee	fee
00263 C	CY3 Rev E	Independent Technical Engineering Analaysis Support						\$43,487
00265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft						\$77,020
00267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections						\$109,904
00268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development						\$99,525
00269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support						\$74,847
00270 C	CY5 Rev. A							\$23,203 \$12,245
00271 C	CY3 Rev D	Cryogenic In-line Flow Sensor						\$33,910
00272 C	CY3 Rev A	Portable, Hand-held Window Inspection Device						\$76,999
00273 C 00274 C	CY4 Baselin	e Cryogenic Applications of Shape Metal Alloy Technology						\$76,398
00274 C	CY7 Basic	Lanthanide Based Hydrogen Sensitive Coatings CTC Program Support						\$29,313
00276 C	CY 4 Basic	SOLLO Installation Support						\$89,111
00277 C	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project						\$11,142
00279 C	CY5 Rev B	KSC Network Device Registry System						\$128,708
00280 C	CY3 Basic	Wireless Sensor Networks						\$75,840
00281 C	CY3 Rev B	Advanced Cable Tester Development						\$99,867 \$99,946
00282 C	CY4 Rev A	RESOLVE						\$525,510
00283 C	CY3 Rev C	External Tank Infrared Radiation Heating						\$384,997
00284 C	CY3 Rev A	AVEMS CARTA 2005						\$30,333
00285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						\$71,212
00286 C	CY3 Rev A	Lunar Regolith						\$202
00287 C 00288 C	CY4 Rev B CY4 Rev A	Dust Particle Mitigation						\$29,390
00289 C	CY4 Rev A	ISHM Testbed and Prototypes Advance Functional Test of Goembel Instrument Spacecraft Charge Mtr						\$62,796
	CY3 Basic	ESS Wireless Network Installation						\$12,587
00291 C	CY3 Basic	Nano-Tube H2 Gas Sensor						\$9,955
00292 C	CY4 Rev A	Signal Conditioning for Nan Sensors						\$54,147
00293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing						\$29,183
00294 C	CY5 Basic	EZVI Materials testing						\$10,804 \$7,908
00295 C	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						\$181,999
00296 C	CY6 Rev B	Chemochromic Hydrogen Detection Expertise						\$61,312
	CY6 Rev. C	OCE and SMO Technical Support						\$6,520
	CY6 Rev D	Complex 20 Cryogenic Engineering Support						\$22,966
	CY3 Basic CY3 Basic	VAB Siding Coatings Testing Black Powder Phenomena Study						\$20,820
1	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						\$33,658
	CY5 Rev. B	Coatings Support for Exploration & Space Port Design						\$3,092
	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng						\$4,184
00306 C	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission						\$46,544 \$12,780
00307 C	CY4 Rev A	EVM Process Documentation						\$12,780 \$0
	CY5 Rev A	NDE Support at Michoud						\$98.907
	CY4 Basic	HLA for SGOS Research Activity						\$38,179
	CY5 Rev E	Independent Technical Authority Engineering Analysis Support						\$12,811
	CY7 Basic CY4 Rev F	Infrastructure EVM Preparation						\$0
	CY4 Rev A	Near Field MSBLS Navset Development						\$0
	CY5 Rev C	Advance Materials for Aerospace Applications						\$0
	CY7 Basic	Imaging Systems Support						\$0
	CY5 Rev A	Active Ice Mitigation Technologies						\$0
00319 C	CY4 Rev A	Advance Technology Development Center Support						\$0 \$0
00320 C	CY5 Rev A	KCCS Technology Update						\$0 \$0
	CY4 Rev A	ESS Security						\$0
	CY6 Rev A	Electrostatic Separation of Regolith						\$0
	CY4 Basic	Study of Mobile Helium Conversion System						\$0
	CY5 Rev A	Evaluation of USMC Hatch Covers						\$0
	CY4 Rev D	SETI Migration						\$0
	CY7 Rev A CY7 Basic	Launch Site Quick Response Technical Support NESC Technical Support						\$0
	CY5 Rev. A	Shuttle Ground Equipment Obsolescence & Sustaining						\$0
1	CY4 Rev C	RTF Test Site Closeout						\$0
	CY5 Rev F	Constellation Engineering Support						\$0 \$0
1	CY4 Rev A	Ground Camera Image Enhancement and Analysis						\$0 . \$0
00333	CY7 Basic	NASA AP2 Program Support						! \$0
00335	CY7 Rev A	LETF Constellation Program Support						. 40

Task Order C=Closed	Revision	Title
00336 C	CY4 Rev A	MU Simulator
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems
00342	CY7 Basic	Oxygen Production by Molten Salt

	CY 03				
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee

		· · · · · •
Task Order		
C=Close	d Revision	Title
00343	CY7 Rev A	Lunar Water Resource Demonstration (LWRD) Expertise
00344	CY7 Basic	Regolith Volatile Characterization Expertise
00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing
00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications
00347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology
00348	CY7 Basic	IT Baseline Configuration Management Support
00349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node
00350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller
00351 C	CY5 Rev A	Solar Water Cracker
00352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering
00353 C	CY5 Rev B	NDE Super Problem Resolution Team Support
00354 C 00355	CY4 Rev A CY7 Rev E	Waste-to-Energy Helium and Hydrogen Recovery
00356 C	CY5 Rev B	Bimetalic Treatment System for PCB Removal Lightning Protection System Design
00357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication
00359	CY7 Rev B	KT Directorate Engineering Technical Services Support
00360 C	CY4 Rev B	Lightning Monitoring System Support
00361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing
00362	CY7 Basic	Laboratory Relocation to SLSL
00363	CY7 Basic	Sonic Lightning Locator (SOLLO) LSP Project
00364 C	CY5 Rev C	Bird Abatement
00365	CY7 Basic	NASA-STD-5008A Revision Support
00366	CY7 Rev A	Operational Imaging Support
00367	CY7 Rev B	Consumables Transfer Technology Development Project
00368 C	CY7 Rev A	Geotechnical Testing with Lunar Soil Simulants
00369	CY7 Rev A CY7 Basic	Command, Control & Communication Development (CxP) Command, Control & Communication PM/SE and I (CxP)
00371 C	CY5 Rev. B	Validation of CFD Analysis w/ LDV Test Data
00372	CY7 Rev A	Shuttle Transition and Retirement
00373 C	CY6 Rev B	Aerodynamic Environment Study of Launch Vehicle Base
00374 C	CY5 Rev A	3-D Scene Analysis
00375 C	CY5Rev. A	Capacitance Based Liquid Level Sensor
00376 C	CY4 Rev A	Landing & Recovery for Spacecraft & PL Processing (CxP)
00377 C	CY5 Rev A	Smart Networked Elements in support of IHMS Systems
00378	CY7 Rev A	Specifications and Standards - CxP
00379 C	CY5 Rev B CY7 Rev A	ML Electrical Systems Support (Exploration Ground Systems)
00380 00381 C	CY6 Rev B	SSPF Spacecraft and Payload - CxP Safety and Mission Assurance CxP Support
00381	CY7 Rev A	Constellation Business Management
00383 C	CY5 Rev B	Architecture of a Lunar Instrument
00384 C	CY5 Rev A	Window Inspection Technology Upgrade
00385	CY7 Basic	Constellation Project Configuration Management
00386	CY7 Basic	Command and Control ARES
00387 C	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication
00388 C	CY6 Rev B	Launch Coating Operations Support
00389	CY7 Basic	CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi
00390 C	CY5 Rev. B	ARES I-1 Pull-Off Umbillical Testing Preparations
00392 00393 C	CY7 Basic CY6 Rev A	VAB High Bay Modification LCC Firing Room #1 Modification
00393 C	CY6 HeV A CY7 Basic	Hangar AF Modification
00394 00395 C	CY5 Rev. A	Ares I-1 Pad B Integration
00396	CY7 Basic	Constellation LC-39B Integration
00397	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts
00398	CY7 Basic	CLV Mobile Launcher (ML) Project Management
00399 C	CY6 Rev D	Window Defect Inspection Device
00400	CY7 Rev A	USTDC Design and Development Support
00401 C	CY5 Rev C	Advanced Communications Development Laboratory Support
00402 C	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT)
00403 C	CY6 Rev B	LSE Communications System Support
00405 C	CY6 Rev A	Application of Dust Screen Electrodes
00406 C 00407 C	CY5 Rev. A CY5 Rev. A	Electrostatic Characterization of Lunar Dust Impregnation of Lunar Simulant with SEZVI
00407 C	CY5 Rev. A	Low Temp Processing of Lunar Regolith to Produce O2
00409	CY7 Basic	O2 Production System Modeling
00410	CY7 Rev A	Integration Support to Const (CxP) Ground Syst Development

CY 03					
Adjusted		Total			
Target Labor		Estimated		Incentive	Total Cost &
Costs	Costs	Cost	Award Fee	Fee	fee

Revision	Title
CY5 Rev B	Cryogenic Tank Insulation Test Support
CY7 Rev B	Dust Mitigation
CY6 Rev B	NASA Consolidation of Active Directory Support
CY6 Rev A	Coatings Support
CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor
CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays
	CY5 Rev B CY7 Rev B CY6 Rev B CY6 Rev A CY5 Rev C

CY 03					
Adjusted Target Labor Costs	Other Direct	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &

Task

Order		
C=Closed	Revision	Title
00420 C	CY5 Rev B	LIVIS-CWLIS Performance Analysis
00421	CY7 Rev A	Multi-Mission Support Equip (MMSE) For CxP
00422	CY7 Basic	Non-Destructive Evaluation Technologies Development
00423	CY7 Rev B	Pad B Elec Syst Formulation Supp Exploration Ground Syst
00424 C	CY5 Rev C	S&MA Support for Comand, Control & Communications
00425	CY7 Basic	CLV ML Fluid Systems
00426	CY7 Rev A	Electrical and Control & Data Division EDL Lab Support
00427 C	CY6 Rev B	Solar Thermo Molecular Sieve H2/O2 Production
00428 C	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.
00429 00430 C	CY7 Basic CY6 Rev C	Data Presentation and Visualization Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst
00430 C	CY6 Rev A	Digital Image Inspection for Spacecraft Processing
00432 C	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks
00433 C	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology
00435 C	CY6 Rev A	AR7 Coating Replacement
00436 C	CY6 Rev A	Polyimide Based Powder Coatings
00437 C	CY5 Rev C	GN2 Filtration Using Electrostatic Methods
00438 C	CY6 Rev A	IR Leak Visualization
00439 C	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst
00440 C	CY7 Rev A	IPP Ground Operations Health Management
00441 00442 C	CY7 Basic CY5 Rev A	IPP Self-Healing Wiring Fluid Dynamics Conference Manuscript
00442 C 00443 C	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)
00444	CY7 Basic	IPP Nanosensors
00445	CY7 Rev A	White Light Interferometric Depth Gage
00446 C	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification
00447	CY7 Rev A	Hypergol Detection
00448	CY7 Basic	PC Based Command & Telemetry Workstation
00449 C	CY6 Rev B	Coastal Radar Video Surveillance System
00450	CY7 Basic	CTC Equipment Obsolescence Implementation
00451 C	CY5 Rev B	Experimental Imaging Lab Infrastructure
00453	CY7 Rev A	ML Electrical Sys. Supp. for Constellation Ground Sys. ATM Transmission System Replacement
00454 C 00455 C	CY5 Rev A CY6 Rev C	Hubble Service Repair Mission ESPL Support
00457	CY7 Basic	Materials Science Lab Support
00458	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support
00459	CY7 Basic	Engineering Analysis for Constellation
00461	CY7 Basic	TEERM and AFSPC Program Support
00462	CY7 Rev A	Mimally Intrusive Repair, Detection, and Self-Repair Systems
00463	CY7 Rev A	Smart Coatings for Corrosion Detection and Control
00464 C	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity
00465	CY6 Rev C	Technology Investment in Cryogenic Applications
00466 C 00467 C	CY6 Rev B	Optical Properties of Lunar Soil Erosion NASA Lessons Learned Program Support
00467 C	CY7 Rev A	Polymer Science and Technology Lab Support
00469 C	CY6 Rev D	Electrostatic Research on Martian Soil
00470	CY7 Rev C	Excavation Hardware Development
00471 C	CY7 Rev A	Lunar Soil Dust Standards Development
00472	CY7 Rev A	IT System Services infrastructure
00473	CY7 Basic	US Army Vehicle Coating Study
00474 C	CY6 Rev B	CLV/VEV Processing & Access GSE in the VAB
00475 C	CY6 Rev C	Hangar AF GSE for CxP
00476 00477	CY7 Rev C CY7 Rev B	KSC Hydrogen Dispensing Station Corrosion Labs
00478	CY7 Rev C	Applied Chemisty Labs Infrastructure
00479 C	CY6 Rev B	Cryogenic Test Lab Operational Support Initiatives
00480	CY7 Basic	System(s) @ LC39B
00481	CY7 Rev A	ISRU Beneficiation
00482	CY7 Rev A	Heatshield Adapter
00483 C	CY6 Rev C	ATXS Replacement Support
00484	CY7 Basic	ARL Coatings and Corrosion Research
00485	CY7 Basic	S&MA Products for CxP Subsystem Development
00486	CY7 Rev B	Design Engineering Handbook
00487 00488	CY7 Basic CY7 Basic	XPS Support Shuttle Lightning Instrumentation Support
100400	UI/ Dasic	эниме адиния изнитенации экрроп

		С	Y 03		
Adjusted Target Labor		Total Estimated		Incentive	Total Cost &
Costs	Costs	Cost	Award Fee	Fee	fee

	CY 03					
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &	

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Task		
Order C=Closed	Revision	Title
0=010sea	CY7 Rev B	ISRU Systems Demo - ROXYGEN
00496	CY7 Basic	CNT Ink for Dust Mitigation
00497	CY7 Rev A	LX-C & UB Special Spt for CxP
00498 C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements
00499	CY7 Rev A	Electro-Magnetically Actuated Ball Valve Development
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor
00501	CY7 Basic	Software Process Improvement
00502	CY7 Basic	Physics Concepts Support
00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization
00504	CY7 Rev A	Cryo & Fluids Technology Focus Areas Support
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad
00507 C	CY6 Rev B	Helium Sensing & Purge Gas Reclamation
00508 00509	CY7 Rev A CY7 Basic	GMRO Lab Infrastructure Support Spacecraft Processing Element (SPE) Electrical Support
00509	CY7 Rev A	New Materials for Structural Composites and Conductive Coat
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings
00512 C	CY6 Rev F	Online Wiring Diagnostics
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.
00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.
00522 C	CY7 Rev A	Composite Conductors for Lightning Strike Mitigation
00524	CY7 Basic	NASA Materials Science WCSP/WCSD Server Sys. Admin.
00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection
00528 00529	CY7 Basic CY7 Basic	Parallel Cryogenic Pumping Capability Magnetically Coupled Seal-Less Cryogenic Pump
00523	CY7 Basic	Integrated Ground Systems Diagnostics
00532 C	CY6 Rev C	Flow Detection System for WCCS
00533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM
00534	CY7 Basic	Cryogen Storage in Aerogel Composites
00535	CY7 Basic	Low VOC Topcoats for Thermal Spray Coatings
00536	CY7 Basic	Mars Architecture Team (MAT) Study
00537 C	CY6 Rev A	Crawlerway Foundation Study
00538 00539	CY7 Basic CY7 Rev A	PAD 39B CLV LH2 NDE Techniques for Monitoring Fairings
00540	CY7 Basic	Aerocoat AR-7
00541	CY7 Basic	Orion SPE Fluid Systems
00542	CY7 Basic	Fluid Systems (CxP) Integration Support
00543	CY7 Rev A	LSP Facilities Project Management Support
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support
00546	CY7 Basic	Software Development for Rapid Propellant Loading
00547	CY7 Rev A	Rapid Loading Cryo Systems for Simulated Launch Vehicle
00548	CY7 Basic	Refractory Materials for Flame Deflector Protection System
00549	CY7 Rev A	Ares I-X Stack-5 Ground Support Equipment
00550 00551	CY7 Basic CY7 Basic	LETF Constellation Test Support Coastal Radar Video Surveillance System Installation
00552	CY7 Rev A	S&MA Level IV Support for the Constellation Ground Systems
00552	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems
00556	CY7 Rev A	NASA PH-N Logistics Engineering Support
00557	CY7 Basic	ESTCP Coating Test
00558	CY7 Basic	Dust Mitigation for Solar Panels
00559	CY7 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process
00560	CY7 Basic	MPPF Upgrade CxP Project Support
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks
00563	CY7 Rev A	Descent Plume/Ejecta Analysis for Constellation
00572 00573	CY7 Basic CY7 Basic	Propellant Conditioning Constellation Logistics Support Analysis
00573	CY7 Rev A	VIE Handling and Access GSE Design
00575	CY7 Rev A	IT Communications System Support
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support
00577	CY7 Basic	Launch Vehicle Processing Business/Technical Resource
00578	CY7 Basic	ISS and Spacecraft Processing Support

		C)	03		
Adjusted Target Labor Costs	Other Direct	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &

	od Task Orde	r Summary	CY 03						
Task Order			•	Other Direct	Total Estimated		Incentive	Total Cost &	
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	fee	
	CY7 Basic	Process Management Support for Crew Launch Vehicle							
	CY7 Basic	Shuttle Turnaround Planning and Manifesting							
	CY6 Rev A	System Maintenance Engineering Support for TA							
	CY7 Basic	Vertical Integration Element (VIE) Electrical Support							
	CY7 Basic	Aerogel Blanket Insulation for Space Environments							
	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support							
	CY7 Basic	Information Systems Division Support							
	CY7 Basic	Smart Algorithms for Nano Sensor							
	CY7 Basic	Connector Electrical Integrity Checks Using Ultrasonics							
	CY7 Basic	VAB Firex FIC Design							
	CY7 Basic	Solid Rocket Processing Element Support							
	CY7 Basic	Helium Conservation							
	CY7 Basic	Iridium-Based Inert Anodes							
	CY7 Basic	Recycling Methane Production							
	CY7 Basic	Continuous Flow Sintering System for Lunar Surface Stabilization							
	CY7 Rev A	New Organic Zinc Rich Primer for Launch Structures							
	CY7 Basic	In-Situ Propellant Conditioning							
	CY7 Basic	Portable Hand-Position Orbiter Window Inspection Device							
	CY7 Basic	Large Cryogenic Tank NDE Techniques							
	CY7 Basic	Magnetic Excavation and Transport of Lunar Soils							
	CY7 Basic	Propellants Management							
	CY7 Basic	Online Cable Tester							
	CY7 Basic	Regolith O2 Feedstock Excavation							
	CY7 Basic	Lunar Implement Quick Attach Interface for Chariot							
	CY7 Basic	Continuous Lunar Water Separation Process							
	CY7 Basic	Lunar Dust Tolerant Quick Disconnect Connectors							
	CY7 Basic	Investigation and Modification of Hypergolic Indicating Wipes							
	CY7 Basic	Launch Accessories Expert Support							
00610	CY7 Basic	Non Destructive Evaluation/Inspection Corrosion Under Paint							
00611	CY7 Basic	Refractory Concrete							
00614	CY 7 Basic	CxP Blast Mitigation Support							
		TOTAL						\$28,302,2	
		ADJUSTMENT TO ACTUALS	CY3 Adj to Act	uals				\$193,7	
			-					\$28,496,00	

Base Perio	od Task Orde	r Summary		CY 04					
Task			Adjusted						
Order			Target Labor				incentive	Total Cost &	
C=Closed 00001 C	Revision Rev B	Title 60 Day Transition Task Order	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee \$0	
00002	CY7 Rev A	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						\$0 \$414,777	
00003 C	Basic	Corrosion Resistant Tubing						Ψ-1,///	
00004 C	CY4 Basic	Applied Physics Infrastructure Support						\$17,903	
00005 C	CY5 Rev D	Corrosion Test-bed						\$318,928	
00006 C	CY5 Rev F	Chemical Instrumentation & Process Lab Infrastructure						\$333,320	
00007 C	Rev B*	Hydrogen Peroxide Decomposition Galvanic Coatings for Protection of Concrete						\$0	
00009 C	CY2 Basic	Army Corrosion Retardant Additive Testing						\$0 \$0	
00012 C	Rev B	Ionic Liquids						\$0 \$0	
00013 C	CY3 Rev B	Corrosion Detection, Prediction and Prevention						\$0	
	CY 2 Rev B	OTV Modernization						\$0	
00015	CY7 Rev B	Communications Engineering Infrastructure	*****					\$487,220	
	CY2 Basic	Network Architecture & Routing Protocols						\$0	
	Basic	KSC LAN Documentation and User Guides						\$0	
	CY4 Rev B CY4 Rev C	Advanced Communications Development Fiber Optics Lab Projects						\$180,594	
00019 C	CY7 Rev A	IT Systems & Security Technologies						\$306,193	
	CY2 Rev A	Network Service Level Assessment (NSLA)						\$335,056 \$0	
	Basic	Ultra Wideband (UWB) Commincation Technology						\$0 \$0	
00023 C	Basic	Remote Monitoring and Alarm System (RMAS)						\$0	
00024 C	CY1 Basic	Emergency Broadcast Cable TV Alert System						\$0	
	Rev A	Halon Replacement					U	\$0	
00026	CY 7 Basic	Electrostatics and Materials Physics Testbed	~~~				5	\$77,373	
	CY2 Rev B	Electrostatic & Surface Physics R&D					1	\$0	
00029 C 00030	CY7 Basic	Payload Contamination Monitoring Development of KSC Infrastructure Documentation						\$0	
00030	CY7 Rev A	Miscellaneous Operations Support						\$23,258	
	CY4 Basic	Proof-of-Concept Support						\$17,727 \$12,456	
00033	CY7 Rev A	LETF & Instrumentation O&M						\$1,396,183	
	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						\$0	
	CY3 Basic	LOX Pump Qualification Testing						\$0	
	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						\$0	
	CY3 Rev A Basic	Dev and Test Operations Infrastructure and LETF O&M PGHMA Enhancements and Technical Support						\$0	
00039 C	CY3 Rev B	Systems Engineering (NGLT)						\$0	
00042	CY7 Rev C	Engineering Technical Services Support & CAD/CAE Support						\$0 \$448,302	
00043	CY7 Rev A	Innovative Partnership Program Office Support						\$646,620	
00044 C	Rev A	ARTWG/ASTWG Integration and Conference Support						\$0	
00045	CY7 Basic	Specifications, Standards, and Kennedy Documented						\$28,120	
	CY6 Rev. B	ISS Support Equipment Fabrication, Integration, and Testing						\$58,467	
	CY3 Rev A	Beach Corrosion Data Acquisition System Support						\$0	
00049 00050 C	CY7 Rev B Rev A	LETF Shuttle Operations Testing Support Hazardous Gas Detection System (HGDS) 2000						\$365,095	
	CY6 Rev A	GSE Controls Integration						\$0	
00052	CY7 Basic	Command and Control Laboratory Infrastructure						\$1,385,257 \$278,857	
	Basic	Upgrade Hypergol Flow Meters Support						\$0	
00054	CY7 Basic	SSPF Transducer Laboratory Support						\$27,704	
	CY4 Rev B	Shuttle Transducer Development						\$72,267	
00057	CY7 Rev A	Shuttle Transducer Obsolescence						\$828,605	
	CY2 Basic CY4 Rev A	In-Situ Pressure Calibration System NIST Traceable Portable Pressure Standard						\$0	
	Basic	Acoustic Scaling Methodologies						\$29,877	
	Rev A	Advanced Hazardous Gas Detection System Development						\$0 \$0	
	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						\$0 \$0	
00063	CY7 Rev D	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M			*******			\$829.424	
	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						\$0	
00070	CY7 Rev A	SBIR/STTR Support						\$121,760	
	CY3 Rev B	LETF DOD Load Testing Support						\$0	
	CY2 Rev A CY 2 Basic	E-nose for ISS and EVA Technical Documentation Database System						\$0	
	Basic	Laser Processing of Spaceport Materials						\$0	
	CY2 Basic	Capcitance Based Sensors						\$0	
00079 C	CY3 Basic	NGLT Project Management Support						\$0 \$0	
	CY6 Rev A	Software Process Improvement Effort						\$135,806	
00081	CY7 Rev A	MSBLS Flight Inspection System Support						\$107,100	
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	od Task Order	- Curminary	L		CY 04			
Task			Adjusted					
Order			Target Labor	Other Direct			Incentive	Total Cost
=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
082 C	CY2 Rev A	Flight Modern Project						
083	CY7 Rev A	Electronics Infrastructure						\$165,4
084	CY7 Rev B	Range Infrastructure						\$258,4
085	CY7 Basic	Weather Projects Support						\$35,4
086	CY7 Rev C	Autonomous Flight Safety System (AFSS)						\$270,0
087	CY7 Rev B	Emerging Communication Technology (ECT)						\$590,
088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						\$373.
089 C	CY2 Rev B	Intelligent Cable Tester						-
090 C	CY3 Rev B	KCCS Infrastructure Conversion						
091 C	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						
092	CY7 Basic	NAVAIDS Flight Inspection System Development						\$115.
093 C	CY2 Rev A	Airborne Particle Counting						ψ
094	CYZ Rev A	KPRO Kennedy Space Center Projects & Resources On-line						\$478.
	CY2 Rev C							J-7 U,
096 C		Operational Spaceport Office Project Control & Integration Support						
098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II						
099 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						
102	CY7 Basic	Agency Security Update Service (ASUS)						\$153
105 C	Basic	Failsafe Jackscrew						
111 C	Basic	Closed-end Launch Tube (CELT) Pruematic Launch Assist						
115 C	CY3 Basic	Carnera Measurement System for Payload Positioning at Pads						
119 C	Basic	WB TAU Certification for Flowliner						
120 C	Basic	Cryolab Oxygen Monitor						
121 C	Basic	Fire Detection Evaluation						
122 C	Basic	Support Equipment Coating Study						
123 C	Rev A	RWGS						
125 C	CY4 Rev A	Minature Smart Leak Sensor						\$50
126 C	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						
127 C	Basic	Spaceport Processing System LPS Survivability Task						
131 C	CY3 Rev B	KSC BTU Measurement System						
132 C	CY2 Rev B	Development of Portable Hydrazine Detector						
134 C	Rev B	STS-107 Investigation Support						
135 C		Hydrazine Detection Systems (Mini Mass Spectrometer)						\$2
137 C	CY2 Rev A	Modeling of Advanced Physics Concepts						ΨE
140 C	CY2 Rev A	Thermal Insulation System Retrofit						
141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						
142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor						\$5
143 C	Basic							. 30
144 C		Systems Engineering Tools Assessment						
	CY 2 Rev B							
145 C	CY 2 Rev B							
146 C	Rev A	ELV Lightning Detection Support						
147 C	Basic	Orbital Space Plane (OSP) Project MGMT Support						
148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						
440.0	01/0 0!-							
149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						
150 C	Basic	Remote Imaging of Hydrogen and Helium Leaks						
151 C	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						
152 C	Basic	Long Distance Transfer Piping						
153 C	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						
154 C	CY 2 Rev B	OTV System Modernization						
155	CY7 Basic	LSP Instrumentation Support						\$14
156 C	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities						
157 C	Basic	Seawater Immersion Facility Support						
158 C	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF						\$265
159 C	CY4 Rev B	Millimeter Wave Imaging Support						-\$344
160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						
161 C	Basic	Delta IV Heavy Lift Vehicle Forward Patlet ABS Calibration Test						
162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						
163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support						
164 C	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						
165 C	CY2 Basic	RF Health Node						
166 C	CY2 Rev C	Hazardous Environment Equipment Upgrades						
168 C	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						
169 C	CY2 Basic	ELV GN2 Pressure Reducing Panel						
170 C	CY2 Flev C	ATDC Engineering Study and Implementation Plan						
171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						
173 C	CY2 Basic	LPS Operations and Maintenance Support						
174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						1
		ICDI I Ovieta Assessment						:
176 C	CY2 Rev D CY2 Rev D	ISRU Quick Assessment Emulsified Zero-Valent Iron (EZVI)						

Task
Order
C=Closed Revision

00178 C CY2 Rev A Hyper Spill Detection System

00180 C CY2 Rev E Polymide Wire Insulation Repair Material

00180 C CY2 Rev E New Microencapsulated Membrane

		CY 04			
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
					\$0
					\$0
					\$0

Base Perio	od Task Orde	Summary			CY 04			
Task			Adjusted					
Order =Closed	Revision	Title	Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	incentive Fee	Total Cost fee
	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)	0000	00015	TOTAL COST	AMAIG 100		100
182 C	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						
183 C	CY2 Basic	Vision Location System Research						
184 C	CY2 Rev A	LASER Repair Applications						
185 C	CY2 Rev B	Electro-Optic Electric Field Measurements						
186 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						
187	CY7 Rev A	Hazardous Gas Detection Applications						\$1,031
188 C	CY2 Rev A	Intelligent Algorithms						
189 C	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						
0190	CY7 Basic	Development Systems Support for SPS Development Lab						\$343
0193 C	CY2 Basic	Knowledge Management for Ground Processing						
194 C	CY3 Rev C	Impact Penetration Sensor System for RC & Li900 Tile						
0195 C	CY4 Rev A	Return to Flight Ground Camera Project						\$169
198 C	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise						\$23
199 C	CY4 Rev A	Ground Processing Shop Aids and Tools						\$20€
200 C	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						
0201 C	CY4 Rev C	Launch System Testbed O&M						\$32
202 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						
0203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						
0204 C	CY2 Basic	Development of Acoustic Estimate Tool						
0205 C	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						
0206 C	CY5 Rev B	Formulation of Polymer Materials for ESD & Flame Relardency						\$18
0207 C	CY3 Rev C	Ablator Impact Testing						
0208 C	CY3 Rev A	Wireless Networks and Sensors						
0209 C	CY2 Rev B	ESS Wireless Network Installation			-			04.00
0210 C	CY4 Rev A	Constellation Project Management & System Engineering						\$1,867
0211 C	CY2 Basic	System Administrator Certifications						
0212 C	CY4 Rev A	PCG2 System Support						\$39
0214 C	CY5 Rev D	Concurrent Technology Corporation (CTC) Coupon Study						\$18
00215 C	CY2 Rev A	HyTEX RF Health Node						
0216 C	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						
00217 C	CY5 Rev A	NAVAIR Coatings Study						\$13
00218 C 00219 C	CY6 Rev A CY3 Rev A	ASTWG/ARTWG Conference Support Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						\$6
00219 C	CY3 HeV A	Non-Governmental VCS's and Standards						\$28
00220 00221 C	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						920
00222 C	CY5 Rev A	NESC Technical Support		•	•			\$36
0222 C	CY2 Basic	Coriolis Flow Meter Testing						950
00224 C	CY3 Rev B	SLF ATCT Equipment and Cable Installation						
00225 C	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						
00226 C	CY4 Rev B	Detection & Measurement of Water in Spaceflight Materials						\$80
00228 C	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						400
0229 C	CY4 Rev A	De-painting Technology for Structural Steel						\$22
0230 C	CY5 Basic	Polyurethane Replacement Coatings						-\$42
00230 C	CY4 Rev A	Intergated Intelligent Health Management System (OSF)						\$7
0232 C	CY4 Rev B	Self Validating Thermocouple System						\$49
0233 C	CY3 Rev C	Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval						•
0234 C	CY2 Rev A	Environmental Monitoring Support		•				
0234 C	CY3 Rev A	System Component Selection Tool Demonstration Project						
0236 C	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						
0237 C	CY2 Rev A	Hypergolic Trigger Level Sensor						
0238 C	CY3 Rev A	Debris Recognition Camera Image Analysis						
00239 C	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)						\$23
00240 C	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						
0241 C	CY4 Rev A	Boeing Space Station Support						\$
0242 C	CY3 Rev A	Usability Study of Virtual and Simulation Environments						•
0244 C	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development						
0247 C	CY3 Rev A	Construction and Demolition Debris Characterization						
0248 C	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation						\$34
0249 C	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						
0250 C	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						
0253 C	CY4 Rev A							\$3
0254 C	CY4 Rev A	Analytical Instrumentation Expertise						\$2
00255 C	CY3 Rev E	Wire Insulation and Membrane Expertise						-
0256 C	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure						\$6
00257 C	CY5 Basic	Electrostatics and Surface Research						, \$37
00258 C	CY5 Rev B	Environmental Remediation Expertise						\$8
00259 C	CY4 Rev B	NESC SRB Stud Hang-up Testing						\$33

 Task Order
 Revision
 Title

 00260 C
 CY3 Rev A 00261 C
 Fhermal and Fluids Analysis Workshop Support Commodity-Free Calibration

 00262 C
 CY3 Rev E CY3 Rev E Cryogenics Testbed Stand Down Recovery Plan

		CY 04			
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
					\$0
					\$83,665
					60

ase Peno	od Task Order	Summary			get Labor Other Direct Incentive Total Co- Costs Costs Total Estimated Cost Award Fee Fee fee			
Task			Adjusted					
Order			Target Labor	Other Direct			Incentive	Total Cost
=Closed	Revision	. Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
0263 C	CY5 Rev A	Physics of Rocket Exhaust Cratering						\$39,
	CY3 Rev E	Independent Technical Engineering Analaysis Support						
0265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft						\$68,
	CY4 Rev A	Three Dimensional Boundry Layer Corrections						\$15,
	CY3 Rev A	TDRSS Transceiver Test Bed Development						
	CY4 Rev A	DoD Corrosion Policy and Conference Support						\$2,
		VAB Roof Remediation Support						\$4.
	CY3 Rev D	Cryogenic In-line Flow Sensor						
	CY3 Rev A	Portable, Hand-held Window Inspection Device						210
0273 C 0274 C		e Cryogenic Applications of Shape Metal Alloy Technology						\$18,
)274 C	CY3 Rev A CY7 Basic	Lanthanide Based Hydrogen Sensitive Coatings CTC Program Support						\$131
	CY 4 Basic	SOLLO Installation Support						\$31
	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project						\$95.
	CY5 Rev B	KSC Network Device Registry System						\$89
	CY3 Basic	Wireless Sensor Networks						905
	CY3 Rev B	Advanced Cable Tester Development						
	CY4 Rev A	RESOLVE						\$113
	CY3 Rev C	External Tank Infrared Radiation Heating						Ψ110
0284 C	CY3 Rev A	AVEMS CARTA 2005						
285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						\$9
286 C	CY3 Rev A	Lunar Regolith						
287 C	CY4 Rev B	Dust Particle Mitigation						\$14
288 C	CY4 Rev A	ISHM Testbed and Prototypes						\$29
289 C	CY4 Rev A	Advance Functional Test of Goernbel Instrument Spacecraft Charge Mir						\$27
	CY3 Basic	ESS Wireless Network Installation						
291 C	CY3 Basic	Nano-Tube H2 Gas Sensor						
292 C	CY4 Rev A	Signal Conditioning for Nan Sensors						\$63
293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing						\$14
294 C	CY5 Basic	EZVI Materials testing						\$38
0295 C	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						
0296 C	CY6 Rev B	Chemochromic Hydrogen Detection Expertise						\$123
0297 C	CY6 Rev. C	OCE and SMO Technical Support						\$48
0298 C	CY6 Rev D	Complex 20 Cryogenic Engineering Support						\$38
0299 C	CY3 Basic	VAB Siding Coatings Testing						
0300 C	CY3 Basic	Black Powder Phenomena Study						
0302 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						\$5
0303 C	CY5 Rev. B	Coatings Support for Exploration & Space Port Design						\$3
0305 C	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng						\$42
0306 C	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission						\$63
0307 C	CY4 Rev A	EVM Process Documentation						\$15
0308 C	CY5 Rev A	NDE Support at Michoud						\$157
309 C	CY4 Basic	HLA for SGOS Research Activity						
0310 C	CY5 Rev E	Independent Technical Authority Engineering Analysis Support						\$98
311	CY7 Basic	Infrastructure						\$693
312 C	CY4 Rev F	EVM Preparation						\$79
0314 C	CY4 Rev A	Near Field MSBLS Navset Development						\$130
315 C	CY5 Rev C	Advance Materials for Aerospace Applications						\$147
317	CY7 Basic	Imaging Systems Support						\$1,06
318 C	CY5 Rev A	Active Ice Mitigation Technologies						\$50
0319 C	CY4 Rev A	Advance Technology Development Center Support						\$43
320 C	CY5 Rev A							\$294
0321 C	CY4 Rev A							\$24
322	CY6 Rev A	Electrostatic Separation of Regolith						\$12
323 C	CY4 Basic	Study of Mobile Helium Conversion System						\$2
325 C	CY5 Rev A	Evaluation of USMC Hatch Covers						\$19
326 C	CY4 Rev D	SETI Migration						\$17
327	CY7 Rev A	Launch Site Quick Response Technical Support						\$56
328	CY7 Basic	NESC Technical Support						\$17
329 C	CY5 Rev. A							\$16
330 C	CY4 Rev C	RTF Test Site Closeout						\$3
331 C	CY5 Rev F	Constellation Engineering Support						\$5,43
0000		Ground Camera Image Enhancement and Analysis						, \$7
332 C 3333	CY4 Rev A CY7 Basic	NASA AP2 Program Support						\$10

Task Order		
C=Closed	Revision	Title
00336 C	CY4 Rev A	MU Simulator
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems
00342	CY7 Basic	Oxygen Production by Molten Salt

		C1 04			
Adjusted Target Labor	Other Direct			Incentive	Total Cost &
Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
					\$45,004
					\$85,012
					\$80,014
					\$83,709
					\$75,000
					\$103,122

		0			CY 04			
	d Task Order	Summary	Adjusted					
Task			Target Labor	Other Direct			incentive	Total Cost &
Order -:Closed	Revision	Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee ene ca
	CY7 Rev A	Lunar Water Resource Demonstration (LWRD) Expertise						\$96,64 \$66,74
	CY7 Basic	Regolith Volatile Characterization Expertise						\$98.89
•	CY5 Rev C	Black Powder Coalescing Filter Testing						\$68,0
	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications						\$56,34
	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						\$56,40
	CY7 Basic	IT Baseline Configuration Management Support						\$100.0
349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node						\$94,57
	CY4 Rev C	Fault-Tolerant PLC-Based Controller						\$86,6
351 C	CY5 Rev A	Solar Water Cracker						\$2,8
352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering						\$28,0
353 C	CY5 Rev B	NDE Super Problem Resolution Team Support						\$25.0
0354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery						\$19,1
355	CY7 Rev E	Bimetalic Treatment System for PCB Removal						\$187,9
356 C	CY5 Rev B	Lightning Protection System Design						\$29,7
357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication						\$24,3
0359	CY7 Rev B	KT Directorate Engineering Technical Services Support						\$30,7
	CY4 Rev B	Lightning Monitoring System Support						\$111,2
	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						\$8,2
0362	CY7 Basic	Laboratory Relocation to SLSL						\$45,8
0363	CY7 Basic	Sonic Lightning Locator (SOLLO) LSP Project						\$237.3
	CY5 Rev C	Bird Abatement						
0365	CY7 Basic	NASA-STD-5008A Revision Support						\$27,8
0366	CY7 Rev A	Operational Imaging Support						\$19,7
0367	CY7 Rev B	Consumables Transfer Technology Development Project						\$3,
0368 C	CY7 Rey A	Geotechnical Testing with Lunar Soil Simulants						\$187,
0369	CY7 Rev A	Command, Control & Communication Development (CxP)						\$170,
0370	CY7 Basic	Command, Control & Communication PM/SE and I (CxP)						\$18,
0371 C		Validation of CFD Analysis w/ LDV Test Data						\$35,
0372	CY7 Rev A	Shuttle Transition and Retirement						\$14,
0373 C	CY6 Rev B	Aerodynamic Environment Study of Launch Vehicle Base						\$13,
00374 C	CY5 Rev A	3-D Scene Analysis						\$11,
00375 C	CY5Rev. A							\$32,
00376 C	CY4 Rev A							\$2,
00377 C	CY5 Rev A							
00378	CY7 Rev A	Comment Company						\$8,
00379 C								\$4,
00380	CY7 Rev A							\$41,
00381 C		*						\$335
00382	CY7 Rev A							970
00383 C 00384 C	CY5 Rev B CY5 Rev A							\$78
00384 C	CY7 Basic	Constellation Project Configuration Management						
00386	CY7 Basic	Command and Control ARES						,
								•
00387 C 00388 C		Launch Coating Operations Support						
00389	CY7 Basic							
00390 C								
00390 C 00392	CY7 Basic							
00393 C								
00394	CY7 Basic							
00395 C		~						
00396	CY7 Basic							
00397	CY7 Basic							
00398	CY7 Basic							
00399 C								
00400	CY7 Rev /	USTDC Design and Development Support						
00401 C		Advanced Communications Development Laboratory Support						
00401 0								
00403 0								
00405 0								
00406	CY5 Rev	A Electrostatic Characterization of Lunar Dust						
	0.5.00	A Impregnation of Lunar Simulant with SEZVI						
	; CY5 HAV.							
00407								t
		A Low Temp Processing of Lunar Regolith to Produce O2						1

Task Order C=Closed	Revision	Title
00411 C	CY5 Rev B	Crlyogenic Tank Insulation Test Support
00412	CY7 Rev B	Dust Mitigation
00415	CY6 Rev B	NASA Consolidation of Active Directory Support
00416 C	CY6 Rev A	Coatings Support
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays

		CY 04			
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee

		CY 04				
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	incentive Fee	Total Cost & fee	

		·
Task		
Order		
C≃Closed	Revision	Title
00420 C	CY5 Rev B	LIVIS-CWLIS Performance Analysis
00421	CY7 Rev A	Multi-Mission Support Equip (MMSE) For CxP
00422	CY7 Basic	Non-Destructive Evaluation Technologies Development
00423	CY7 Rev B	Pad B Elec Syst Formulation Supp Exploration Ground Syst S&MA Support for Comand, Control & Communications
00424 C 00425	CY5 Rev C CY7 Basic	CLV ML Fluid Systems
00425	CY7 Rev A	Electrical and Control & Data Division EDL Lab Support
00427 C	CY6 Rev B	Solar Thermo Molecular Sieve H2/O2 Production
00427 C	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.
00429	CY7 Basic	Data Presentation and Visualization
00430 C	CY6 Rev C	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst
00431 C	CY6 Rev A	Digital Image Inspection for Spacecraft Processing
00432 C	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks
00433 C	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology
00435 C	CY6 Rev A	AR7 Coating Replacement
00436 C	CY6 Rev A	Polyimide Based Powder Coatings
00437 C	CY5 Rev C	GN2 Filtration Using Electrostatic Methods
00438 C	CY6 Rev A	IR Leak Visualization
00439 C	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst
00440 C	CY7 Rev A	IPP Ground Operations Health Management
00441	CY7 Basic	IPP Self-Healing Wiring
00442 C	CY5 Rev A	Fluid Dynamics Conference Manuscript
00443 C	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)
00444	CY7 Basic	IPP Nanosensors
00445	CY7 Rev A	White Light Interferometric Depth Gage
00446 C	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification
00447	CY7 Rev A	Hypergol Detection
00448	CY7 Basic	PC Based Command & Telemetry Workstation
00449 C	CY6 Rev B	Coastal Radar Video Surveillance System
00450	CY7 Basic	CTC Equipment Obsolescence Implementation
00451 C	CY5 Rev B	Experimental Imaging Lab Infrastructure
00453	CY7 Rev A	ML Electrical Sys. Supp. for Constellation Ground Sys.
00454 C	CY5 Rev A	ATM Transmission System Replacement
00455 C	CY6 Rev C	Hubble Service Repair Mission ESPL Support
00457	CY7 Basic	Materials Science Lab Support CLV Upper Stage Umbilical Ground and Flight Plates Support
00458	CY7 Basic	
00459	CY7 Basic	Engineering Analysis for Constellation TEERM and AFSPC Program Support
00461	CY7 Basic	Mimally Intrusive Repair, Detection, and Self-Repair Systems
00462	CY7 Rev A	Smart Coatings for Corrosion Detection and Control
00464 C	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity
00465	CY6 Rev C	Technology Investment in Cryogenic Applications
00466 C	CY6 Rev B	Optical Properties of Lunar Soil Erosion
00467 C	CY6 Rev B	NASA Lessons Learned Program Support
00468	CY7 Rev A	Polymer Science and Technology Lab Support
00469 C	CY6 Rev D	Electrostatic Research on Martian Soil
00470	CY7 Rev C	Excavation Hardware Development
00471 C	CY7 Rev A	Lunar Soil Dust Standards Development
00472	CY7 Rev A	IT System Services infrastructure
00473	CY7 Basic	US Army Vehicle Coating Study
00474 C	CY6 Rev B	CLV/VEV Processing & Access GSE in the VAB
00475 C	CY6 Rev C	Hangar AF GSE for CxP
00476	CY7 Rev C	KSC Hydrogen Dispensing Station
00477	CY7 Rev B	Corrosion Labs
00478	CY7 Rev C	
00479 C	CY6 Rev B	
00480	CY7 Basic	System(s) @ LC39B
00481	CY7 Rev A	
00482	CY7 Rev A	
00483 C		
00484	CY7 Basic	ARL Coatings and Corrosion Research
00485	CY7 Basic	S&MA Products for CxP Subsystem Development
00486	CY7 Rev E	
00487	CY7 Basic	
00488	CY7 Basic	Shuttle Lightning Instrumentation Support

Task Order		Title
C=Closed	Revision	Title
00489 C	CY7 Rev A	Excavation Modeling System
00490	CY7 Rev C	ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
00492 C	CY6 Rev B	Infrared Camera-Based Fire Detection
00493	CY7 Basic	Remote Measurements of Glass Defects
00494 C	CY7 Rev A	PELT Sensor - Phase 2

CY 04

Adjusted
Target Labor Other Direct Incentive Total Cost & Costs Costs Total Estimated Cost Award Fee Fee fee

Task Order		
C=Closed	Revision	Title
00495	CY7 Rev B	ISRU Systems Demo - ROXYGEN
00496	CY7 Basic	CNT Ink for Dust Mitigation
00497	CY7 Rev A	LX-C & UB Special Spt for CxP
00498 C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements
00499 00500	CY7 Rev A CY7 Basic	Electro-Magnetically Actuated Ball Valve Development
00501	CY7 Basic	CEV Service Module Leakage Flow Sensor Software Process Improvement
00502	CY7 Basic	Physics Concepts Support
00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization
00504	CY7 Rev A	Cryo & Fluids Technology Focus Areas Support
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad
00507 C	CY6 Rev 8	Helium Sensing & Purge Gas Reclamation
00508 00509	CY7 Rev A CY7 Basic	GMRO Lab Infrastructure Support Spacecraft Processing Element (SPE) Electrical Support
00510	CY7 Rev A	New Materials for Structural Composites and Conductive Coat
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings
00512 C	CY6 Rev F	Online Wiring Diagnostics
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.
00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.
00522 C 00524	CY7 Rev A CY7 Basic	Composite Conductors for Lightning Strike Mitigation NASA Materials Science WCSP/WCSD Server Sys. Admin.
00524	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection
00528	CY7 Basic	Parallel Cryogenic Pumping Capability
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump
00531	CY7 Basic	Integrated Ground Systems Diagnostics
00532 C 00533	CY6 Rev C CY7 Basic	Flow Detection System for WCCS
00534	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM Cryogen Storage in Aerogel Composites
00535	CY7 Basic	Low VOC Topcoats for Thermal Spray Coatings
00536	CY7 Basic	Mars Architecture Team (MAT) Study
00537 C	CY6 Rev A	Crawlerway Foundation Study
00538	CY7 Basic	PAD 39B CLV LH2
00539	CY7 Rev A	NDE Techniques for Monitoring Fairings
00540 00541	CY7 Basic CY7 Basic	Aerocoat AR-7 Orion SPE Fluid Systems
00542	CY7 Basic	Fluid Systems (CxP) Integration Support
00543	CY7 Rev A	LSP Facilities Project Management Support
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support
00546	CY7 Basic	Software Development for Rapid Propellant Loading
00547	CY7 Rev A	Rapid Loading Cryo Systems for Simulated Launch Vehicle
00548	CY7 Basic	Refractory Materials for Flame Deflector Protection System
00549 00550	CY7 Rev A CY7 Basic	Ares I-X Stack-5 Ground Support Equipment LETF Constellation Test Support
00551	CY7 Basic	Coastal Radar Video Surveillance System Installation
00552	CY7 Rev A	S&MA Level IV Support for the Constellation Ground Systems
00554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems
00556	CY7 Rev A	NASA PH-N Logistics Engineering Support
00557	CY7 Basic	ESTCP Coating Test
00558	CY7 Basic	Dust Mitigation for Solar Panels
00559 00560	CY7 Basic CY7 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process MPPF Upgrade CxP Project Support
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks
00563	CY7 Rev A	Descent Plume/Ejecta Analysis for Constellation
00572	CY7 Basic	Propellant Conditioning
00573	CY7 Basic	Constellation Logistics Support Analysis
00574	CY7 Rev A	VIE Handling and Access GSE Design
00575 00576	CY7 Rev A CY7 Basic	IT Communications System Support Applied Technology (KT) Information Technology Security Support
00577	CY7 Basic	Launch Vehicle Processing Business/Technical Resource
00578	CY7 Basic	ISS and Spacecraft Processing Support
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		CY 04			
Adjusted Target Labor Costs	Other Direct Costs		Award Fee	Incentive Fee	Total Cost 8

Base Period Task Order Summary		CY 04						
Task Order			Adjusted Target Labor				Incentive	Total Cost &
C=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
	CY7 Basic	Princess Management Support for Crew Launch Vehicle						
	CY7 Basic	Shuttle Turnaround Planning and Manifesting						
	CY6 Rev A	System Maintenance Engineering Support for TA						
	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						
	CY7 Basic	Aerogel Blanket Insulation for Space Environments						
00587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						
	CY7 Basic	Information Systems Division Support						
	CY7 Basic	Smart Algorithms for Nano Sensor						
	CY7 Basic	Connector Electrical Integrity Checks Using Ultrasonics						
	CY7 Basic	VAB Firex FIC Design						
	CY7 Basic	Solid Rocket Processing Element Support						
	CY7 Basic	Helium Conservation						
	CY7 Basic	Iridium-Based Inert Anodes						
	CY7 Basic	Recycling Methane Production						
	CY7 Basic	Continuous Flow Sintering System for Lunar Surface Stabilization						
	CY7 Rev A	New Organic Zinc Rich Primer for Launch Structures						
	CY7 Basic	In-Situ Propellant Conditioning						
	CY7 Basic	Portable Hand-Position Orbiter Window Inspection Device						
	CY7 Basic	Large Cryogenic Tank NDE Techniques						
	CY7 Basic	Magnetic Excavation and Transport of Lunar Soils						
	CY7 Basic	Propellants Management						
	CY7 Basic	Online Cable Tester						
	CY7 Basic	Regolith O2 Feedstock Excavation						
	CY7 Basic	Lunar Implement Quick Attach Interface for Chariot						
	CY7 Basic	Continuous Lunar Water Separation Process						
	CY7 Basic	Lunar Dust Tolerant Quick Disconnect Connectors						
00608	CY7 Basic	Investigation and Modification of Hypergolic Indicating Wipes						
00609	CY7 Basic	Launch Accessories Expert Support						
00610	CY7 Basic	Non Destructive Evaluation/Inspection Corrosion Under Paint						
	CY7 Basic	Refractory Concrete						
00614	CY 7 Basic	CxP Blast Mitigation Support						
		TOTAL						\$31,807,459
		ADJUSTMENT TO ACTUALS						-\$95,715
								\$31,711,744

Base Peric	od Task Orde	der Summary CY 05						
Task Order C=Closed	Revision	Title		Other Direct	Total Estimated		Incentive	Total Cost &
00001 C	Rev B	60 Day Transition Task Order	Costs	Costs	Cost	Award Fee	Fee	fee
00002	CY7 Rev A	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						\$389,3
00003 C	Basic	Corrosion Resistant Tubing						*
00004 C	CY4 Basic	Applied Physics Infrastructure Support						:
00005 C	CY5 Rev D	Corrosion Test-bed						\$358,8
00006 C	CY5 Rev F	Chemical Instrumentation & Process Lab Infrastructure						\$358,9
00007 C	Rev B*	Hydrogen Peroxide Decomposition						
00008 C	Rev A	Galvanic Coatings for Protection of Concrete						
00009 C 00012 C	CY2 Basic Rev B	Army Corrosion Retardant Additive Testing lonic Liquids						
00012C	CY3 Rev B	Corrosion Detection, Prediction and Prevention						
00014 C	CY 2 Rev B							
00015	CY7 Rev B	Communications Engineering Infrastructure					wa 1 =	\$378.2
00016 C	CY2 Basic	Network Architecture & Routing Protocols						937 6,2
00017 C	Basic	KSC LAN Documentation and User Guides						
00018 C	CY4 Rev B	Advanced Communications Development						
00019 C	CY4 Rev C	Fiber Optics Lab Projects						
00020	CY7 Rev A	IT Systems & Security Technologies						\$211,5
00021 C	CY2 Rev A	Network Service Level Assessment (NSLA)						
00022 C	Basic	Ultra Wideband (UWB) Commincation Technology						
00023 C	Basic	Remote Monitoring and Alarm System (RMAS)						
00024 C	CY1 Basic	Emergency Broadcast Cable TV Alert System						
00025 C	Rev A	Halon Replacement						
00026	CY 7 Basic	Electrostatics and Materials Physics Testbed						\$71,2
00028 C	CY2 Rev B Basic	Electrostatic & Surface Physics R&D Payload Contamination Monitoring						
00030	CY7 Basic	Development of KSC Infrastructure Documentation						000.5
00031	CY7 Rev A	Miscellaneous Operations Support						\$60,5
	CY4 Basic	Proof-of-Concept Support						\$42,4
00033	CY7 Rev A	LETF & Instrumentation O&M						\$1,445.0
00034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						ψ1, 44 5,0
00035 C	CY3 Basic	LOX Pump Qualification Testing						
00036 C	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						
0003BC	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M		1700.0				
00039 C	Basic	PGHMA Enhancements and Technical Support						
00041 C	CY3 Rev B	Systems Engineering (NGLT)						
00042	CY7 Rev C	Engineering Technical Services Support & CAD/CAE Support						\$255,0
00043	CY7 Rev A	Innovative Partnership Program Office Support						\$588,2
00044 C 00045	Rev A CY7 Basic	ARTWG/ASTWG Integration and Conference Support						
00045 C	CY6 Rev. B	Specifications, Standards, and Kennedy Documented						\$54,1
00048 C	CY3 Rev A	ISS Support Equipment Fabrication, Integration, and Testing Beach Corrosion Data Acquisition System Support						
00049	CY7 Rev B	LETF Shuttle Operations Testing Support						\$359,7
00050 C	Rev A	Hazardous Gas Detection System (HGDS) 2000						
00051 C	CY6 Rev A	GSE Controls Integration						\$1,210,0
00052	CY7 Basic	Command and Control Laboratory Infrastructure						\$289.3
00053 C	Basic	Upgrade Hypergol Flow Meters Support						Ψ203,0
00054	CY7 Basic	SSPF Transducer Laboratory Support						\$2.2
00056 C	CY4 Rev B	Shuttle Transducer Development						
00057	CY7 Rev A	Shuttle Transducer Obsolescence						\$451.6
00058 C	CY2 Basic	In-Situ Pressure Calibration System						
00059 C	CY4 Rev A	NIST Traceable Portable Pressure Standard						
00060 C	Basic	Acoustic Scaling Methodologies						
00061 C	Rev A	Advanced Hazardous Gas Detection System Development						
00062 C	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						
00063	CY7 Rev D	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$722,6
00064 C 00070	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						
0070 0071 C	CY7 Rev A CY3 Rev B	SBIR/STTR Support LETF DOD Load Testing Support						\$168,0
00071 C	CY2 Rev A	E-nose for ISS and EVA						
0074 C	CY 2 Basic	Technical Documentation Database System						
0076 C	Basic	Laser Processing of Spaceport Materials						
00078 C	CY2 Basic	Capcitance Based Sensors						
00079 C	CY3 Basic	NGLT Project Management Support						
0080C	CY6 Rev A	Software Process Improvement Effort						\$137,1
	CY7 Rev A	MSBLS Flight Inspection System Support						\$114,1

	od Task Orde		CY 05					
Task Order ≃Closed	Revision	Title		Other Direct	Total Estimated		Incentive	Total Cost
0082 C	CY2 Rev A	Flight Modern Project	Costs	Costs	Cost	Award Fee	Fee	fee
0083	CY7 Rev A	Electronics Infrastructure						
0084	CY7 Rev B	Range Infrastructure						\$86,3
0085	CY7 Basic	Weather Projects Support						\$200,5
0086	CY7 Rev C	Autonomous Flight Safety System (AFSS)						\$23,2 \$331,0
0087	CY7 Rev B	Emerging Communication Technology (ECT)						\$646,5
0088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						-\$4
0089 C	CY2 Rev B	Intelligent Cable Tester						•
0090 C 0091 C	CY3 Rev B Basic	KCCS Infrastructure Conversion						
0092	CY7 Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev NAVAIDS Flight Inspection System Development						
0093 C	CY2 Rev A	Airborne Particle Counting						\$51,4
0094	CY7 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						
0096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$147,8
0098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II						
0099 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						
0102	CY7 Basic	Agency Security Update Service (ASUS)						\$343,2
0105 C	Basic	Failsafe Jackscrew						
0111 C 0115 C	Basic CY3 Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						
	Basic	Camera Measurement System for Payload Positioning at Pads						
	Basic	WB TAU Certification for Flowliner Cryolab Oxygen Monitor						
	Basic	Fire Detection Evaluation						
	Basic	Support Equipment Coating Study						
	Rev A	RWGS						
125 C	CY4 Rev A	Minature Smart Leak Sensor						
	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						
	Basic	Spaceport Processing System LPS Survivability Task						
	CY3 Rev B	KSC BTU Measurement System						
	CY2 Rev B	Development of Portable Hydrazine Detector						
		STS-107 Investigation Support						
	CY2 Rev A	Hydrazine Detection Systems (Mini Mass Spectrometer) Modeling of Advanced Physics Concepts						\$10,5
	CY2 Rev A	Thermal Insulation System Retrofit						
	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						
142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor						
0143 C	Basic	Systems Engineering Tools Assessment		****				
	CY 2 Rev B	Mars Dust Partical Analyzer						
145 C		EVM Support to YA						
	Rev A	ELV Lightning Detection Support						
	Basic	Orbital Space Plane (OSP) Project MGMT Support						
148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						:
149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						
	Basic	Remote Imaging of Hydrogen and Helium Leaks						
151 C	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						
	Basic	Long Distance Transfer Piping						
	CY3 Rev C	Spaceport Engineering and Technology Process Improvement				with the		
		OTV System Modernization						
	CY7 Basic	LSP Instrumentation Support						\$20.5
	CY 2 Rev C Basic	Assessment of Bio and Phy Sample Processing Capabilities						
	CY4 Rev C	Seawater Immersion Facility Support Non-Destructive Examination Support in Preparation for RTF						
	CY4 Rev B	Millimeter Wave Imaging Support						
	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						
161 C	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						
162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						
	CY2 Rev C	Experiment Management Unit (EMU) Development Support						
	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels					0	
	CY2 Basic	RF Health Node)	
	CY2 Rev C	Hazardous Environment Equipment Upgrades					i	
	CY2 Rev C CY2 Basic	Project Mgt Support of ETDC Lab Consolidation Project						
	CY2 Basic CY2 Rev C	ELV GN2 Pressure Reducing Panel ATDC Engineering Study and Implementation Plan						:
	CY2 Basic	ATDC Engineering Study and Implementation Plan Launch System Test-bed (LST) Infrastructure Support						
	CY2 Basic	LPS Operations and Maintenance Support						
	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						
–		ISRU Quick Assessment						
		Emulsified Zero-Valent Iron (EZVI)						

Task		
Order		
C=Closed	Revision	Title
00178 C	CY2 Rev A	Hyper Spill Detection System
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material
00180 C	CY2 Rev E	New Microencapsulated Membrane

CY 05						
Adjusted Target Labor Costs	Other Direct	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &	
					\$0	
					\$0	
					\$0	

Base	Perioc'	Task	Order	Summary

Task					CY	US		
Order			Adjusted		Total			
C=Close 00181 C			Farget Labor	Other Direct	Estimated		Incentive	-
00181 C			Costs	Costs	Cost	Award Fee	Fee	Total Cost
00182 C						. ••		fee
00184 C								
00185 C								
00186 C								
00187	CY/ Rev							
00188 C								
00189 C								\$1,219,6
00190	LY7 Basis							01,210,0
00193 C	CY2 Basic	Knowledge Management for Ground Processing						
	CY3 Rev	HIDAGE Penetration Sensor Suptom for DC v. Long						\$243,4
	CY4 Rev							
	CY4 Basic	USTDURIT Project Mot and Technique Experies						\$
	CY4 Rev	CIOURA Frocessing Shop Aids and Tools						\$
	CY2 Rev	Wind Flow Analysis of LaRC Wind Sensor						\$
00201	CY4 Rev (Launch System Testbed O&M						\$
002020	CY3 Rev C							\$
00203C 00204C	CY2 Rev (rypergolic Fuel and Oxidizer Leak Detection System						\$
00204C	CY2 Basic	Development of Acoustic Estimate Tool						\$1
00201C	CY2 Rev A							\$0
	CY3 Rev C	romulation of Polymer Materials for ESD & Flam a Potentian						\$0
	CY3 Rev A	Abiator impact / esting						\$13.60
	CY2 Rev B							\$13,604
	CY4 Rev A							\$0
	CY2 Basic	Page and the second of the second control of	*-		***	***	-	\$0
	CY4 Rev A	System Administrator Certifications						\$0
	CY5 Rev D							\$0
	CY2 Rev A							\$0 \$0
	CY3 Rev B							\$11,530
	CY5 Rev A							\$0
	CY6 Rev A							\$0 \$0
	CY3 Rev A	ASTWG/ARTWG Canterence Support						\$10,410
	CY7 Basic							\$1,377
	CY3 PEV-A	Non-Governmental VCS's and Standard						\$0
	CYS Pay A	KCCS Infrastructure Conversion Project Integration NESC Technical Support						\$29,461
	CY2 Bâsic	Coriolis Flow Meter Testing						\$0
	CY3 Flev B	SLF ATCT Equipment and Cable Instillation						\$12,100
00225 C (CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						\$0
00226 C (CY4 Rev B	Detection & Measurement of Water h Spaceflight Materials						\$0
	JY3 Rev B	TV-VI-A GNZ Gooter System Docusentation						\$0
	Y+ Rev A	Us painting schnology for Structual Steel						
	Y5 Basic	Polyureinane Heplacement Costine						\$0
0231 🥴 🗦	Y4 Rev A	Intergated Intelligent Health Management System (COC)						\$0
	Y4 Rev B	Self Value and in the improvement in the improvemen						\$73,889
	YA MAY C	Thermal Cntl Sys Mulit-layer Blankers irounding & Electrostatic Eval						\$0
	Y2 Rev A	Environmental Monitoring Support		FM4 4				\$0
	Y3 Rev A	System Component Selection TooDemonstration Project						\$0
	Y2 Basic	Advanced Eng Environment: Collabotive Tools & Need Receipt						\$0
	Y2 Rev A	rrypergolic Ingger Level Sensor						\$0
	Y3 Rev A	Debris Recognition Camera Impe Analysis						\$0
	Y4 Rev C	Cost Efficient Storage and Transf (CESAT)						\$0
	Y2 Rev B	Bimettalic Emulsion for PCB Exection						\$0
	Y4 Rev A	Boeing Space Station Support						\$0
	Y3 Rev A	Usability Study of Virtual and Signation Emironments						\$0
	Y2 Rev B	Wire Insulation Repair & Self-Healist Technology Development						\$0
	13 LIMAN	Construction and Demolition Dels Characterization						\$0
	Y5 Rev B	Moisture/Aging Study of Spray of com Inculation		*				\$0
	T3 Dasic	Micro-Wireless Instrumentation Salem Inventory Support						\$0 \$174.040
	12 MOV M	rightezine Leak Detector Test for ALIPSO						\$174,216
253 C C	14 HeV A	Chemical Vapor Detection Expense						\$0
	74 HeV A	Analytical Instrumentation Expetie						\$0
	Y3 Rev E	Wire insulation and Membrane Epertise						\$0 \$0
	75 Rev D	Vibration Test Facility Operation & Mintenance Infrastructure						\$0 \$0
	Dasic	Electrostatics and Surface Resech						\$0 \$27,634
		Environmental Remediation Existing						\$40,968
	/4 Rev B	NESC SRB Stud Hang-up Testa						\$27,852
								V-1,002

Task		•
Order		
C=Closed	Revision	714
100260 C	CY3 Rev A	Thermal and Fluid
00261 C	CY4 Fasic	Commodity-Free Calibration
00262 C	CY3 Feev E	Cryogenics Testbed Stand Down Recovery Plan

		CY	05		
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
					\$0
					\$0
					\$0

Base Period Task Order Summary			CY 05					
Tools			Adjusted		7-4-1			
Task Order			Target Labor	Other Direct	Total Estimated		Incentive	Total Cost &
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	fee
00082 C	CY2 Rev A	Flight Modern Project						\$0
00083	CY7 Rev A	Electronics Infrastructure						\$86,392
00084	CY7 Rev B	Range Infrastructure						\$200,533
00085	CY7 Basic CY7 Rev C	Weather Projects Support Autonomous Flight Safety System (AFSS)						\$23,289 \$331,050
00087	CY7 Rev B	Emerging Communication Technology (ECT)						\$646,525
00088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						-\$454
00089 C	CY2 Rev B	Intelligent Cable Tester						\$0
00090 C	CY3 Rev B	KCCS Infrastructure Conversion						\$0
00091 C	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$0
00092	CY7 Basic	NAVAIDS Flight Inspection System Development						\$51,410
00093 C 00094	CY2 Rev A CY7 Rev A	Airborne Particle Counting KPRO Kennedy Space Center Projects & Resources On-line						\$0 \$147,875
00096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$147,675
00098 C	CY 2 Rev B							\$0
00099 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						\$0
00102	CY7 Basic	Agency Security Update Service (ASUS)						\$343,283
00105 C	Basic	Failsafe Jackscrew						\$0
00111 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						\$0
00115 C	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						\$0
00119 C 00120 C	Basic Basic	WB TAU Certification for Flowliner Cryolab Oxygen Monitor						\$0 \$0
00120 C	Basic	Fire Detection Evaluation						\$0
00121 C	Basic	Support Equipment Coating Study						\$0
00123 C	Rev A	RWGS						\$0
00125 C	CY4 Rev A	Minature Smart Leak Sensor		1000				\$0
00126 C	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						\$0
00127 C	Basic	Spaceport Processing System LPS Survivability Task						\$0
00131 C	CY3 Rev B	KSC BTU Measurement System						\$0 \$0
00132 C 00134 C	CY2 Rev B Rev B	Development of Portable Hydrazine Detector STS-107 Investigation Support						\$0 \$0
00134 C								\$10,559
00137 C	CY2 Rev A	Modeling of Advanced Physics Concepts						\$0
00140 C	CY2 Rev A	Thermal Insulation System Retrofit						\$0
00141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						\$0
00142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor						\$0
00143 C	Basic	Systems Engineering Tools Assessment						\$0 \$0
00144 C 00145 C		Mars Dust Partical-Analyzer EVM Support to YA						\$0
00146 C	Rev A	ELV Lightning Detection Support						\$0
00147 C	Basic	Orbital Space Plane (OSP) Project MGMT Support						\$0
00148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						\$0
	01/0 5!-	But a state But a Burner Hale Natural annual Burner						\$0
00149 C 00150 C	CY2 Basic Basic	Retrieval of NASA Problem Reports Using Natural Language Processing Remote Imaging of Hydrogen and Helium Leaks						\$0 \$0
00150 C	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						\$0
00151 C	Basic	Long Distance Transfer Piping						\$0
00153 C	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$0
00154 C		OTV System Modernization						\$0
00155	CY7 Basic	LSP Instrumentation Support						\$20,584
00156 C	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities						\$0 \$0
00157 C	Basic CY4 Rev C	Seawater Immersion Facility Support Non-Destructive Examination Support in Preparation for RTF						\$0 \$0
00158 C 00159 C	CY4 Rev B	Millimeter Wave Imaging Support						\$0
00160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						\$0
00161 C	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						\$0
00162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						\$0
00163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support						\$0
00164 C	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels					0	\$0 \$0
00165 C 00166 C	CY2 Basic CY2 Rev C	RF Health Node Hazardous Environment Equipment Upgrades					,	\$0 \$0
00168 C	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						\$0 \$0
00169 C	CY2 Basic	ELV GN2 Pressure Reducing Panel						\$0
00170 C	CY2 Rev C	ATDC Engineering Study and Implementation Plan						\$0
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						\$0
00173 C	CY2 Basic	LPS Operations and Maintenance Support						\$0
00174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						\$0 \$0
00176 C 00177 C	CY2 Rev D	ISRU Quick Assessment Emulsified Zero-Valent Iron (EZVI)						\$0 \$0
1001// 0	O IZ Nev D	England Zaro-Agair Holl (CZAI)						

Task Order	
C=Closed Revision	Title
00178 C CY2 Rev A	Hyper Spill Detection System
	Polymide Wire Insulation Repair Material
00180 C CY2 Rev E	New Microencapsulated Membrane

Adjusted Total Target Labor Other Direct Estimated Incentive Costs Costs Cost Award Fee Fee	
**	Total Cost &
	\$6
	\$

Base Perior	Task	Order	Summen
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	ask						CY	05		
	rder Close	d Revis			Adjusted		Total			
	B1 C		wn 	Title	Target Labor		Estimated		!====# :	
001		CY2 Re	V R	Small Autonomous Mass Spectrometer (SAMS)	Costs	Costs	Cost	Award Fee	Incentive Fee	Total Cost &
0018		CY2 Bas	io	Electrostatic Breakdown in Launch Vehicle Systems					ree	fee
0018		CY2 fle	,,,,	vision Lucation System Hesearch						\$
0018		CY2 Rev		LASER Repair Applications						\$
0018		CY2Re		Electro-Optic Electric Field Measurements						\$
0018		CY/ Res		Application of AGDP to alter Surface Properties of Materials						\$
0018		CY2 Rev	• • •	riazardous das Detection Applications						\$
0018		C/2 Rev		Intelligent Algorithms						\$
0019		£Y7 Bas		Improvement of Liquid Applied Coatings for Concrete						\$1,219,64
		CY2 Bas		Development Systems Support for ODO Do						\$
		CY3 Rev								\$0.40.45
		CY4 Rev		Impact Penetration Sensor System for RC & Ligon Tile						\$243,450 \$0
		CY4 Basi		Return to Flight Ground Camera Project						\$0
		CY4 Rev	A	USTDC RTF Project Mgt and Technincal Expertise						\$C
		CY2 Rev		Ground Processing Shop Aids and Tools Wind Flow Analysis of LaRC Wind Sense:	•			***		\$0
0020		CY4 Rev		aunch System Testbed O&M						\$0
0020		CY3 Rev		Performance Evaluation of Rapid Cure Coatings						\$0
0020	3C	CY2 Rev	Č	hypergolic Fuel and Oxidizer Leak Detection System						\$0
0020	4C ·	CY2 Basic	C C	Development of Acoustic Estimate Tool						\$0
0020	5C	CY2 Rev	A L	Iguid Hydrogen Test Station at Company's Town						\$0
0020/	C	CY5 Rev	В Р	ormulation of Polymer Materials for ESD & Flame Retardency						\$0
0020		CY3 Rev	C A	blator Impact Testing						\$0
00208	C	CY3 Rev	A V	Vireless Networks and Sensors						\$13,604
04209		CY2 Rev I	3 E	SS Wireless Network Installation						\$0
00210	C	CY4 Rev /	A C	onstellation Project Management & system Engineering						\$0
1003311		CY2 Basic		ystem Administrator Certifications		ш.,				\$0
(3212	C	Y4 Rev A	¥Ρ	CG2 System SHPPArt						\$0
00214		Y5 Rev [O	oncurrent Teshnology Corporation (CTC) Ox pon Study						\$0
00215		Y2 Rev A								\$0
00216		Y3 Rev E	3 N	GLT Systems Analysis Project Systems Engineering						\$11,530
00217		Y5 Rev A	1 14/	AVAIN - Coalings Study						\$0
00218		Y6 Rev A	AS	STWA/ARTWG Conference Comment						\$0
00219		Y3 Rev A	ı En	hanced Wide-band Micro Triserial Linit (CROS-CTALIS C.						\$10,410
00220		Y7 Basic								\$1,377
00221		Y3 PEV A	KC	CCS Infrastructure Conversion Project Integration						\$0
00222		YS Pov A	NE	SC Jechnical Support						\$29,461
00223		Y2 Basic	Co	riolis Flow Mater Testing						\$0
00224 (Y3 Flew B		F ATCT Equipment and Cable Instillation						\$12,100
00225 0	_	Y3 Rev B	56	V Contamination Monitoring Instrumentation During						\$0
00226 0		Y4 Rev B	₩.	Section & Measurement of Water & Spaceflicks \$4.4						\$0
00228 C 00229 C		73 Rev B		TOTA CINZ Cooler System Documentation						\$0
00229 (, 00230 C		Y→ Rev A Y5 Basic	Dê	painting lechnology for Structual Steel						
00231 (?		/4 Rev A	POI	yurethane Replacement Coating						\$0
00237 Ĉ		4 Rev B	ime	orgated Intelligent Health Management System (OSF)						\$0
00233 C		MARRY C	20	* Vestigation Instruction Switch						\$73,889
00233 C 00234 C			The	mal Cnti Sys Mulit-layer Blankers irounding & Electrostatic Eval						\$0
00234 C 00235 C		2 Rev A			**					\$0
00235 C		3 Flev A	Sys	tem Component Selection Tool Personatration Devices						\$0
00237 C		2 Basic	AUA.	Bricks Eng Environment: Collaboritive Tools & Mand Beautiff						\$0
00237 C		2 Rev A	пур	ergolic Ingger Level Sensor						\$0
00239 C		3 Rev A	Deb	ris Recognition Camera Inste Analysis						\$0
00239 C		4 Rev C 2 Rev B	COS	TEMCIENT Storage and Transpr (CESAT)						\$0
00241 C			ЫM	ettalic Emulsion for PCB Exaction						\$0
0242 C		4 Rev A	Boe	ing Space Station Support						\$0
0244 C		3 Rev A 2 Rev B	UBB	bility Study of Virtual and Similation Environments						\$0
0247 C		3 Rev A	AAILO	Insulation Repair & Self-Healis Technology Court-						\$0
0248 C		5 Rev B	Con	Bruction and Demolition Dels Characterization						\$0
0249 C		3 Basic	MACHE	RUNWACING Skirly of Spray of com bouleting						\$0
0250 C		2 Rev A	MICH.	o-Wireless Instrumentation Stem Inventory Support						\$0 \$174.010
0253 C		Rev A	1914	azine Leak Detector Test for ALIPSO					•	\$174,216
0254 C		RevA	Amir	mical Vapor Detection Expete						\$0
0255 C		RevE	Miles	ytical instrumentation Expetie						\$0 \$0
0256 C			AAU.	insulation and Membrane Epertise						\$0 60
0257 C		Basic	Flore	tion Test Facility Operation & Mintenance Infrastructure						\$0 \$0
0258 C		Casic	FIRE	rostatics and Surface Resech						\$0 \$27,634
0259 C		Rev B	NES	ronmental Remediation Exclise C SRB Stud Hang-up Testi						\$40.968
				one old naig-up testy						\$27,852
				į.						\$0 . \$0 .

Task		•
Order		
00261 C	CY3 Rev A CY4 Easic	Title Thermal and Fluids Analysis Workshop Support Commodity-Free Calibration Cryogenics Testbed Stand Down Recovery Plan

		CY	05		
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
				* *	\$0
					\$0
					\$0

Adjusted Target Labor Costs	Other Direct Costs	CY Total Estimated Cost	05 Award Fee	Incentive	
Target Labor		Estimated	Award 5	Incentive	
			Amand F	Incentive	
COSIE	Costs	Cost	Amond =	incentive	
					Total Cost &
				Fee	fee
					\$29,73
					\$
					\$0
					\$0
					\$0
					\$0
					\$7,494
					\$0
					\$0
					\$0
					\$0
					\$160,824
			***		\$0
					\$0
					\$19,936
					\$0
					\$0
					. \$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$5,222
					\$0
					\$148,960
					\$137.817
No. 1.					\$68,002
					\$0
					\$0
					\$479
					\$14.770
					\$0
					\$0
					\$0
					\$10,152
					410,132
					\$641,724
			* *		\$899,846
				•	\$0
					\$0 \$0
					\$35,201
					,013,854
					\$40.009
					\$40,009
				e	\$0 3130,169
				Ψ	
				•	\$0 118,922
				•	
					\$0 \$10.040
				\$	\$10,812
					\$0
					116,079
					31,418
				e	315,938
				4	. 0,000
					01,792
				\$3,20	01,792
				\$3,20 \$3	
					\$1. \$ \$

Task Order C=Closed	Revision	Title
00336 C	CY4 Rev A	IMU Simulator
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems
00342	CY7 Basic	Oxygen Production by Molten Salt

CY 05								
Adjusted Target Labor Costs	Other Direct	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &			
					\$6			
					\$			
					\$			
					\$6,09			
					\$451.31			

	ou rask Olde	r Summary	L		CY	CY 05		
Task			Adjusted		Total			
Order =Closed	Revision	Title	Target Labor	Other Direct	Estimated		Incentive	Total Cos
0343	CY7 Rev A	Lunar Water Resource Demonstration (LWRD) Expertise	Costs	Costs	Cost	Award Fee	Fee	fee
0344	CY7 Basic	Regolith Volatile Characterization Expertise						\$313
0345 C	CY5 Rev C	Black Powder Coalescing Filter Testing						\$242
0346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications						\$67
0347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						\$209
0348	CY7 Basic	IT Baseline Configuration Management Support						\$51
0349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node						\$124
0350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller						
0351 C	CY5 Rev A	Solar Water Cracker						
0352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering						\$30
0353 C	CY5 Rev B	NDE Super Problem Resolution Team Support						\$112
0354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery						\$47
355	CY7 Rev E	Bimetalic Treatment System for PCB Removal						
0356 C	CY5 Rev B	Lightning Protection System Design						\$101
357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication						\$185
359	CY7 Rev B	KT Directorate Engineering Technical Services Support						
360 C	CY4 Rev B	Lightning Monitoring System Support						\$52
	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						
362	CY7 Basic	Laboratory Relocation to SLSL						\$78
363	CY7 Basic	Sonic Lightning Locator (SOLLO) LSP Project						\$153
	CY5 Rev C	Bird Abatement						\$190
365	CY7 Basic	NASA-STD-5008A Revision Support						\$139
366	CY7 Rev A	Operational Imaging Support						\$15
367	CY7 Rev B	Consumables Transfer Technology Development Project						\$59
	CY7 Rev A	Geotechnical Testing with Lunar Soil Simulants						\$179
369	CY7 Rev A	Command, Control & Communication Development (CxP)						\$69
370	CY7 Basic							\$1,602
		Command, Control & Communication PM/SE and I (CxP) Validation of CFD Analysis w/ LDV Test Data						\$2,517
372								\$41
373 C	CY7 Rev A CY6 Rev B	Shuttle Transition and Retirement						\$181
		Aerodynamic Environment Study of Launch Vehicle Base						\$86
374 C	CY5 Rev A CY5Rev. A	3-D Scene Analysis						\$22
		Capacitance Based Liquid Level Sensor Landing & Recovery for Spacecraft & PL Processing (CxP)						\$39
	CY5 Rev A							
378	CY7 Rev A	Smart Networked Elements in support of IHMS Systems Specifications and Standards - CxP						\$119
	CY5 Rev B		2 /14 / 4//					\$424
	CY7 Rev A	ML Electrical Systems Support (Exploration Ground Systems)						\$1,021
		SSPF Spacecraft and Payload - CxP						\$367
	CY6 Rev B CY7 Rev A	Safety and Mission Assurance CxP Support						\$784
		Constellation Business Management						\$2,249
	CY5 Rev B CY5 Rev A	Architecture of a Lunar Instrument						\$25
	CY7 Basic	Window Inspection Technology Upgrade						\$29
	CY7 Basic	Constellation Project Configuration Management Command and Control ARES						\$881
	CY5 Rev A							\$215
	CY6 Rev B	Smart Network Elements (SNE) Prototype Fabrication						\$42
	CY7 Basic	Launch Coating Operations Support						\$13
		CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi						\$1,532
		ARES I-1 Pull-Off Umbillical Testing Preparations						\$1
	CY7 Basic	VAB High Bay Modification						\$278
	CY6 Rev A	LCC Firing Room #1 Modification						\$212
	CYF Basic	Hangar AF Modification						\$305
	CY5 Rev. A CY7 Basic	Ares I-1 Pad B Integration Constellation LC-39B Integration						\$66
	CY7 Basic							\$216
	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts						\$91
		CLV Mobile Launcher (ML) Project Management						\$208
	CY6 Rev D	Window Defect Inspection Device						\$195
	CY7 Rev A	USTDC Design and Development Support						\$514
	CY5 Rev C	Advanced Communications Development Laboratory Support						\$68
	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT)						\$77
		LSE Communications System Support						\$213
	CY6 Rev A	Application of Dust Screen Electrodes						\$81
		Electrostatic Characterization of Lunar Dust						\$94
		Impregnation of Lunar Simulant with SEZVI						\$3
	CY5 Rev A	Low Temp Processing of Lunar Regolith to Produce O2						Ψ0
	CY7 Basic	O2 Production System Modeling						\$98
410	CY7 Rev A	Integration Support to Const (CxP) Ground Syst Development						ψοψ

Task		
Order		
C=Closed	Revision	Title
00411 C	CY5 Rev B	Cryogenic Tank Insulation Test Support
00412	CY7 Rev B	Dust Mitigation
00415	CY6 Rev B	NASA Consolidation of Active Directory Support
00416 C	CY6 Rev A	Coatings Support
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays

CY 05									
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &				
					\$9,330				
					\$46,277				
					\$88,095				
					\$26,779				
					\$186,934				
					\$53,610				

Base Perio	d Task Orde	r Summary	CY 05					
Task Order			Adjusted Target Labor	Other Direct	Total Estimated		I	
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Incentive Fee	Total Cost &
00420 C	CY5 Rev B	, LIVIS-CWLIS Performance Analysis						\$47,577
00421	CY7 Rev A	Multi-Mission Support Equip (MMSE) For CxP						\$174,101
00422	CY7 Basic	Non-Destructive Evaluation Technologies Development						\$124,145
00423	CY7 Rev B	Pad B Elec Syst Formulation Supp Exploration Ground Syst						\$455,927
	CY5 Rev C	S&MA Support for Comand, Control & Communications						\$251,164
0425 0426	CY7 Basic CY7 Rev A	CLV ML Fluid Systems Electrical and Control & Data Division EDL Lab Support						\$1,361,374
00427 C	CY6 Rev B	Solar Thermo Molecular Sieve H2/O2 Production						\$735,993
00428 C	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.						\$93,716 \$65,378
00429	CY7 Basic	Data Presentation and Visualization						\$130,455
00430 C	CY6 Rev C	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst						\$28,837
00431 C	CY6 Rev A	Digital Image Inspection for Spacecraft Processing						\$51,189
00432 C	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks						\$26,858
00433 C	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology	2					\$80,459
00435 C	CY6 Rev A	AR7 Coating Replacement						\$40,823
00436 C	CY6 Rev A	Polyimide Based Powder Coatings						\$59,347
00437 C 00438 C	CY5 Rev C CY6 Rev A	GN2 Filtration Using Electrostatic Methods IR Leak Visualization						\$26,506
00439 C	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst						\$43,200
	CY7 Rev A	IPP Ground Operations Health Management						\$20,718 \$71,034
00441	CY7 Basic	IPP Self-Healing Wiring						\$32,887
00442 C	CY5 Rev A	Fluid Dynamics Conference Manuscript						\$20,029
00443 C	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)						\$95,021
00444	CY7 Basic	IPP Nanosensors						\$80,971
00445	CY7 Rev A	White Light Interferometric Depth Gage						\$62,576
00446 C	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification						\$20,952
00447	CY7 Rev A	Hypergol Detection						\$52,312
00448	CY7 Basic	PC Based Command & Telemetry Workstation						\$141,843
00449 C	CY6 Rev B	Coastal Radar Video Surveillance System						\$31,679
00450	CY7 Basic	CTC Equipment Obsolescence Implementation						\$531,498
00451 C 00453	CY5 Rev B	Experimental Imaging Lab Infrastructure ML Electrical Sys. Supp. for Constellation Ground Sys.						\$66,261
00453 00454 C	CY5 Rev A	ATM Transmission System Replacement						\$948,717 \$129,654
00455 C	CY6 Rev C	Hubble Service Repair Mission ESPL Support						\$77,667
00457	CY7 Basic	Materials Science Lab Support						\$51.9 8 2
00458	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support						\$149,969
00459	CY7 Basic	Engineering Analysis for Constellation						\$1,599
00461	CY7 Basic	TEERM and AFSPC Program Support						\$3,515
00462	CY7 Rev A	Mirnally Intrusive Repair, Detection, and Self-Repair Systems						\$118,694
00463	CY7 Rev A	Smart Coatings for Corrosion Detection and Control						\$51,088
00464 C	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity						\$15,000
00465	CY6 Rev C	Technology Investment in Cryogenic Applications						\$18,056
00466 C	CY6 Rev B	Optical Properties of Lunar Soil Erosion						\$9,921
00467 C 00468	CY6 Rev B CY7 Rev A	NASA Lessons Learned Program Support Polymer Science and Technology Lab Support						\$50,689 \$10,004
00469 C	CY6 Rev D	Electrostatic Research on Martian Soil						\$2,577
00470	CY7 Rev C	Excavation Hardware Development						\$33,067
00471 C	CY7 Rev A	Lunar Soil Dust Standards Development						\$16,647
00472	CY7 Rev A	IT System Services infrastructure						\$0
00473	CY7 Basic	US Army Vehicle Coating Study						\$0
00474 C	CY6 Rev B	CLV/VEV Processing & Access GSE in the VAB						\$0
00475 C	CY6 Rev C	Hangar AF GSE for CxP						\$30,582
00476	CY7 Rev C	KSC Hydrogen Dispensing Station						\$0
00477	CY7 Rev B	Corrosion Labs						\$14,105
00478	CY7 Rev C	Applied Chemisty Labs Infrastructure						
00479 C	CY6 Rev B	Cryogenic Test Lab Operational Support Initiatives						
00480	CY7 Basic CY7 Rev A	System(s) @ LC39B ISRU Beneficiation						
00481 00482	CY7 Rev A	Heatshield Adapter						
00483 C	CY6 Rev C	ATXS Replacement Support						
00484	CY7 Basic	ARL Coatings and Corrosion Research						
00485	CY7 Basic	S&MA Products for CxP Subsystem Development						
00486	CY7 Rev B	Design Engineering Handbook						t
00487	CY7 Basic	XPS Support						ı
00488		Shuttle Lightning Instrumentation Support						

Task Order C=Closed	Revision	Title
00489 C	CY7 Rev A	Excavation Modeling System
00490	CY7 Rev C	ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
00492 C	CY6 Rev B	Infrared Camera-Based Fire Detection
00493	CY7 Basic	Remote Measurements of Glass Defects
00494 C	CY7 Rev A	PELT Sensor - Phase 2

CY 05										
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee					

base Penod	ıask	Order	Summar
Task			

Task		
Order	0	
C=Closed 00495	Revision CY7 Rev B	Title) ISRU Systems Demo - ROXYGEN
00496	CY7 Basic	CNT Ink for Dust Mitigation
00497	CY7 Rev A	LX-C & UB Special Spt for CxP
00498 C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements
00499	CY7 Rev A	Electro-Magnetically Actuated Ball Valve Development
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor
00501	CY7 Basic	Software Process Improvement
00502	CY7 Basic	Physics Concepts Support
00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization
00504	CY7 Rev A	Cryo & Fluids Technology Focus Areas Support
00505 00507 C	CY7 Basic CY6 Rev B	Sintering Methods for Building a Lunar Launch Pad
00508	CY7 Rev A	Helium Sensing & Purge Gas Reclamation GMRO Lab Infrastructure Support
00509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support
00510	CY7 Rev A	New Materials for Structural Composites and Conductive Coat
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings
00512 C	CY6 Rev F	Online Wiring Diagnostics
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.
00521 00522 C	CY7 Basic CY7 Rev A	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.
00524	CY7 Basic	Composite Conductors for Lightning Strike Mitigation NASA Materials Science WCSP/WCSD Server Sys. Admin.
00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection
00528	CY7 Basic	Parallel Cryogenic Pumping Capability
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump
00531	CY7 Basic	Integrated Ground Systems Diagnostics
00532 C	CY6 Rev C	Flow Detection System for WCCS
00533	CY7 Basic CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM
00535	CY7 Basic	Cryogen Storage in Aerogel Composites Low VOC Topcoats for Thermal Spray Coatings
00536	CY7 Basic	Mars Architecture Team (MAT) Study
00537 C	CY6 Rev A	Crawlerway Foundation Study
00538	CY7 Basic	PAD 39B CLV LH2
00539	CY7 Rev A	NDE Techniques for Monitoring Fairings
00540	CY7 Basic	Aerocoat AR-7
00541	CY7 Basic	Orion SPE Fluid Systems
00542	CY7 Basic CY7 Rev A	Fluid Systems (CxP) Integration Support LSP Facilities Project Management Support
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support
00546	CY7 Basic	Software Development for Rapid Propellant Loading
00547	CY7 Rev A	Rapid Loading Cryo Systems for Simulated Launch Vehicle
00548	CY7 Basic	Refractory Materials for Flame Deflector Protection System
00549	CY7 Rev A	Ares I-X Stack-5 Ground Support Equipment
00550	CY7 Basic	LETF Constellation Test Support
00551	CY7 Basic	Coastal Radar Video Surveillance System Installation
00552 00554	CY7 Rev A	S&MA Level IV Support for the Constellation Ground Systems
00556	CY7 Basic CY7 Rev A	Load Supporting Aeroget Insulation for Low-Temp Systems NASA PH-N Logistics Engineering Support
00557	CY7 Basic	ESTCP Coating Test
00558	CY7 Basic	Dust Mitigation for Solar Panels
00559	CY7 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process
00560	CY7 Basic	MPPF Upgrade CxP Project Support
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks
00563	CY7 Rev A	Descent Plume/Ejecta Analysis for Constellation
00572	CY7 Basic CY7 Basic	Propellant Conditioning Constellation Logistics Support Analysis
00574	CY7 Rev A	VIE Handling and Access GSE Design
00575	CY7 Rev A	IT Communications System Support
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support
00577	CY7 Basic	Launch Vehicle Processing Business/Technical Resource
00578	CY7 Basic	ISS and Spacecraft Processing Support

CY 05								
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee			

Base Perio	od Task Orde	r Summary			CY	05		
Task Order			Adjusted Target Labor		Total Estimated		Incentive	Total Cost
C≕Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
00579	CY7 Basic	Process Management Support for Crew Launch Vehicle						
00581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						
	CY6 Rev A	System Maintenance Engineering Support for TA						
00585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						
00586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						
00587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						
00588	CY7 Basic	Information Systems Division Support						
00589	CY7 Basic	Smart Algorithms for Nano Sensor						
00590	CY7 Basic	Connector Electrical Integrity Checks Using Ultrasonics						
00591	CY7 Basic	VAB Firex FIC Design						
00592	CY7 Basic	Solid Rocket Processing Element Support						
00593	CY7 Basic	Helium Conservation						
00594	CY7 Basic	Iridium-Based Inert Anodes						
00595	CY7 Basic	Recycling Methane Production						
00596	CY7 Basic	Continuous Flow Sintering System for Lunar Surface Stabilization						
00597	CY7 Rev A	New Organic Zinc Rich Primer for Launch Structures						
00598	CY7 Basic	In-Situ Propellant Conditioning						
00599	CY7 Basic	Portable Hand-Position Orbiter Window Inspection Device						
00600	CY7 Basic	Large Cryogenic Tank NDE Techniques						
00601	CY7 Basic	Magnetic Excavation and Transport of Lunar Soils						
00602	CY7 Basic	Propellants Management						
00603	CY7 Basic	Online Cable Tester						
00604	CY7 Basic	Regolith O2 Feedstock Excavation						
00605	CY7 Basic	Lunar Implement Quick Attach Interface for Chariot						
00606	CY7 Basic	Continuous Lunar Water Separation Process						
00607	CY7 Basic	Lunar Dust Tolerant Quick Disconnect Connectors						
00608	CY7 Basic	Investigation and Modification of Hypergolic Indicating Wipes						
00609	CY7 Basic	Launch Accessories Expert Support						
00610	CY7 Basic	Non Destructive Evaluation/Inspection Corrosion Under Paint						
00611	CY7 Basic	Refractory Concrete						
00614	CY 7 Basic	CxP Blast Mitigation Support						
		TOTAL						\$50,983,3
		ADJUSTMENT TO ACTUALS						-\$810,69
								\$50,172,63

Task Order C≕Closed								
			Adjusted		Total			
C=Closed			Target Labor		Estimated		Incentive	Total Cost &
	Revision Rev B	Title 60 Day Transition Task Order	Costs	Costs	Cost	Award Fee	Fee	fee
	CY7 Rev A	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						\$0 \$432,098
	Basic	Corrosion Resistant Tubing						\$102,050
	CY4 Basic	Applied Physics Infrastructure Support						\$0
	CY5 Rev D	Corrosion Test-bed						\$0
	CY5 Rev F Rev B*	Chemical Instrumentation & Process Lab Infrastructure Hydrogen Peroxide Decomposition						\$0 \$0
	Rev A	Galvanic Coatings for Protection of Concrete	•					\$0
	CY2 Basic	Army Corrosion Retardant Additive Testing						\$0
	Rev B	Ionic Liquids						\$0
	CY3 Rev B CY 2 Rev B	Corrosion Detection, Prediction and Prevention OTV Modernization						\$0
	CY7 Rev B	Communications Engineering Infrastructure						\$0 \$91,735
	CY2 Basic	Network Architecture & Routing Protocols						\$91,730
	Basic	KSC LAN Documentation and User Guides						\$0
	CY4 Rev B	Advanced Communications Development						\$0
	CY4 Rev C	Fiber Optics Lab Projects						\$0
	CY7 Rev A CY2 Rev A	IT Systems & Security Technologies Network Service Level Assessment (NSLA)						\$288,531
	Basic	Ultra Wideband (UWB) Commincation Technology						\$0 \$0
	Basic	Remote Monitoring and Alarm System (RMAS)						\$0
00024 C 0	CY1 Basic	Emergency Broadcast Cable TV Alert System						\$0
	Rev A	Halon Replacement						\$0
	CY 7 Basic	Electrostatics and Materials Physics Testbed						\$37,214
	CY2 Rev B	Electrostatic & Surface Physics R&D						\$0
	Basic CY7 Basic	Payload Contamination Monitoring Development of KSC Infrastructure Documentation						\$0
	CY7 Rev A	Miscellaneous Operations Support						\$143,410 \$46,655
	CY4 Basic	Proof-of-Concept Support						340,000 \$0
	CY7 Rev A	LETF & Instrumentation O&M						\$1,129,617
	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						\$0
	CY3 Basic	LOX Pump Qualification Testing						\$0
	CY3 Rev A CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M Dev and Test Operations Infrastructure and LETF O&M						\$0
	Basic	PGHMA Enhancements and Technical Support						\$0 \$0
	CY3 Rev B	Systems Engineering (NGLT)						\$0 \$0
	CY7 Rev C	Engineering Technical Services Support & CAD/CAE Support						\$235.984
	CY7 Rev A	Innovative Partnership Program Office Support						\$577,280
	Rev A	ARTWG/ASTWG Integration and Conference Support						\$0
	CY7 Basic	Specifications, Standards, and Kennedy Documented						\$36,047
	CY6 Rev. B CY3 Rev A	ISS Support Equipment Fabrication, Integration, and Testing Beach Corrosion Data Acquisition System Support						\$0
	CY7 Rev B	LETF Shuttle Operations Testing Support						\$0 \$525,010
	Rev A	Hazardous Gas Detection System (HGDS) 2000						\$0
	CY6 Rev A	GSE Controls Integration						\$43,476
	CY7 Basic	Command and Control Laboratory Infrastructure						\$264,888
	Basic CY7 Basic	Upgrade Hypergol Flow Meters Support						\$0
	CY4 Rev B	SSPF Transducer Laboratory Support Shuttle Transducer Development						\$3,635
	CY7 Rev A	Shuttle Transducer Obsolescence						\$0 \$482,978
	CY2 Basic	In-Situ Pressure Calibration System						\$402,970
	CY4 Rev A	NIST Traceable Portable Pressure Standard						\$0
	Basic Bou A	Acoustic Scaling Methodologies						\$0
	Rev A CY2 Rev A	Advanced Hazardous Gas Detection System Development Vibroacoustic Prediction for Ground Support Equipment						\$0
	CY7 Rev D	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$001.044
	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						\$801,944 \$0
00070 0	CY7 Rev A	SBIR/STTR Support						\$84,731
	CY3 Rev B	LETF DOD Load Testing Support						\$0
	CY2 Rev A	E-nose for ISS and EVA						\$0
	CY 2 Basic Basic	Technical Documentation Database System Laser Processing of Spaceport Materials						\$0
	CY2 Basic	Capcitance Based Sensors						\$0 \$0
	CY3 Basic	NGLT Project Management Support						, \$0
00080 C	CY6 Rev A CY7 Rev A	Software Process Improvement Effort MSBLS Flight Inspection System Support						\$20,717

se Perío	od Task Order	Summary	L		CY	л			
Task Order			Adjusted	Other Direct	Total Estimated		incentive	Total Cos	
:Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	fee	
	CY2 Rev A)Flight Modern Project							
	CY7 Rev A	Electronics Infrastructure						\$97	
	CY7 Rev B	Range Infrastructure						\$254	
	CY7 Basic	Weather Projects Support						\$10	
	CY7 Rev C	Autonomous Flight Safety System (AFSS)						\$170	
087 088 C	CY7 Rev B	Emerging Communication Technology (ECT)						\$458	
	CY5 Rev A CY2 Rev B	Space Based Telemetry and Range Safety (STARS) Intelligent Cable Tester							
	CY3 Rev B	KCCS Infrastructure Conversion							
	Basic	Signal Conditioning Amplifler Recorder(SCAmpR) Protoype Dev							
092	CY7 Basic	NAVAIDS Flight Inspection System Development						\$3	
093 C	CY2 Rev A	Airborne Particle Counting							
094	CY7 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						\$10	
096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support							
098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II							
099 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades							
102	CY7 Basic	Agency Security Update Service (ASUS)						\$52	
	Basic	Failsafe Jackscrew							
111 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist							
115 C	CY3 Basic	Carnera Measurement System for Payload Positioning at Pads							
119 C	Basic	WB TAU Certification for Flowliner							
120 C	Basic	Cryolab Oxygen Monitor Fire Detection Explication							
121 C 122 C	Basic Basic	Fire Detection Evaluation							
123 C	Rev A	Support Equipment Coating Study RWGS							
125 C	CY4 Rev A	Minature Smart Leak Sensor							
126 C	CY3 Rev A	Corrosion Testing of Airplane Wing Structures							
127 C	Basic	Spaceport Processing System LPS Survivability Task							
131 C	CY3 Rev B	KSC BTU Measurement System							
132 C	CY2 Rev B	Development of Portable Hydrazine Detector							
134 C	Rev B	STS-107 investigation Support							
135 C		Hydrazine Detection Systems (Mini Mass Spectrometer)							
137 C	CY2 Rev A	Modeling of Advanced Physics Concepts							
140 C	CY2 Rev A	Thermal Insulation System Retrofit							
141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering							
142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor							
143 C	Basic	Systems Engineering Tools Assessment							
144 C		Mars Dust Partical Analyzer							
145 C		EVM Support to YA							
146 C	Rev A	ELV Lightning Detection Support							
147 C	Basic	Orbital Space Plane (OSP) Project MGMT Support							
148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR							
149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing							
150 C	Basic	Remote Imaging of Hydrogen and Helium Leaks							
151 C	CY 2 Rev B								
152 C	Basic	Long Distance Transfer Piping							
153 C	CY3 Rev C	Spaceport Engineering and Technology Process Improvement				-			
154 C	CY 2 Rev B	OTV System Modernization							
155	CY7 Basic	LSP instrumentation Support						\$	
156 C	CY 2 Rev C								
157 C	Basic	Seawater Immersion Facility Support							
158 C	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF							
159 C	CY4 Rev B	Millimeter Wave Imaging Support							
160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt							
161 C	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test							
162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System							
163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support			-				
164 C	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels	tu.		ŕ				
165 C	CY2 Basic	RF Health Node							
166 C	CY2 Rev C CY2 Rev C	Hazardous Environment Equipment Upgrades Project Mgt Support of ETDC Lab Consolidation Project							
168 C 169 C	CY2 HeV C	ELV GN2 Pressure Reducing Panel							
	CY2 Rev C	ATDC Engineering Study and Implementation Plan							
170 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support							
170 C 171 C	CY2 Basic CY2 Basic	LPS Operations and Maintenance Support							
0170 C 0171 C 0173 C 0174 C 0176 C									

Task		
Order		
	Revision	Title
00178 C	CY2 Rev A	Hyper Spill Detection System
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material
		New Microencapsulated Membrane

CY 06								
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &			
					\$0			
					\$0			
					\$			

CY 06

Task Adjusted Total Target Labor Other Direct Total Target Labor Other Direct Total Estimated Cost 1816 C CY2 Rev B Small Autonomous Mass Spectrometer (SAMS) Cost Cost 182 C CY2 Rev B Electrostatic Breakdown in Launch Vehicle Systems Sison Location System Research 183 C CY2 Rev B Vision Location System Research LASER Repair Applications 184 C CY2 Rev B Electro-Optic Electric Field Measurements Sison Location System Research	Award Fee	incentive Fee	Total Cost fee
### ##################################	Award Fee		
181 C CY2 Rev B Small Autonomous Mass Spectrometer (SAMS) 182 C CY2 Rev B Electrostatic Breakdown in Launch Vehicle Systems 183 C CY2 Rasis Vision Location System Research 184 C CY2 Rev A LASER Repair Applications	AWAIU POS	ree	100
10182 C CY2 Rev B Electrostatic Breakdown in Launch Vehicle Systems 10183 C CY2 Basic Vision Location System Research 10184 C CY2 Rev A LASER Repair Applications			
1183 C CY2 Basic Vision Location System Research 1184 C CY2 Rev A LASER Repair Applications			
0184 C CY2 Rev A LASER Repair Applications			
0185 C CY2 Rev B Application of AGDP to alter Surface Properties of Materials			
1187 CYT Rev A Hazardous Gas Detection Applications			\$420,1
1188 C CY2 Rev A Intelligent Algorithms			Ų ·==,
2)189 C CY2 Rev A Improvement of Liquid Applied Coatings for Concrete			
190 CY7 Basic Development Systems Support for SPS Development Lab			\$340.0
193 C CY2 Basic Knowledge Management for Ground Processing			
0194 C CY3 Rev C Impact Penetration Sensor System for RC & LI900 Tile			
195 C CY4 Rev A Return to Flight Ground Camera Project			
198 C CY4 Basic USTDC RTF Project Mgt and Technincal Expertise			
199 C CY4 Rey A Ground Processing Shop Aids and Tools			
200 C CY2 Rev A Wind Flow Analysis of LaRC Wind Sensors			
201 C CY4 Rey C Launch System Testbed O&M			
202 C CY3 Rev C Performance Evaluation of Rapid Cure Coatings			
0203 C CY2 Rev C Hypergolic Fuel and Oxidizer Leak Detection System			
0204 C CY2 Basic Development of Acoustic Estimate Tool			
0205 C CY2 Rev A Liquid Hydrogen Test Station at Cryogenic Testbed			
0206 C CY5 Rev B Formulation of Polymer Materials for ESD & Flame Retardency			
0207 C CY3 Rev C Ablator Impact Testing			
0208 C CY3 Rev A Wireless Networks and Sensors			
0209 C CY2 Rev B ESS Wireless Network Installation	-		
0210 C CY4 Rev A Constellation Project Management & System Engineering			
0211 C CY2 Basic System Administrator Certifications			
0212 C CY4 Rev A PCG2 System Support			
2214 C CY5 Rev D Concurrent Technology Corporation (CTC) Coupon Study			
0215 C CY2 Rev A HyTEX RF Health Node			
0216 C CY3 Rev B NGLT Systems Analysis Project Systems Engineering			
0217 C CY5 Rev A NAVAIR Coatings Study			
0218 C CY6 Rev A ASTWG/ARTWG Conference Support			\$4,
2219 C CY3 Rev A ,Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation			
0220 CY7 Basic Non-Governmental VCS's and Standards			\$33,
D221 C CY3 Rev A KCCS Infrastructure Conversion Project Integration			
0222 C CY5 Rev A NESC Technical Support			
0223 C CY2 Basic Coriolis Flow Meter Teating			
D224 C CY3 Rev B SLF ATCT Equipment and Cable Installation			
0225 C CY3 Rev B ELV Contamination Monitoring Instrumentation Project			
D226 C CY4 Rev B Detection & Measurement of Water in Spaceflight Materials			
D228 C CY3 Rev B NOAA-A GN2 Cooler System Documentation			
D229 C CY4 Rev A De-painting Technology for Structural Steel			
D230 C CY5 Basic Polyurethane Replacement Coatings			
D231 C CY4 Rev A Intergrated Intelligent Health Management System (OSF)			
D232 C CY4 Rev B Self Validating Thermocouple System			
D233 C CY3 Rev C Thermal Cntl Sys Multi-layer Blankets Grounding & Electrostatic Eval			
0234 C CY2 Rev A Environmental Monitoring Support			
D235 C CY3 Rev A System Component Selection Tool Demonstration Project			
D236 C CY2 Basic Advanced Eng Environment: Collaborative Tools & Need Baseline			
D237 C CY2 Rev A Hypergolic Trigger Level Sensor			
D238 C CY3 Rev A Debris Recognition Camera Image Analysis			
0239 C CYARPY C Cost Efficient Storage and Transfer (CESAT)			
0240 C CY2 Rev B Birnettalic Emulsion for PCB Extraction			
0241 C CY4 Rev A Boeing Space Station Support			
D242 C CY3 Rev A Usability Study of Virtual and Simulation Environments			
0244 C CY2 Rev B Wire Insulation Repair & Sett-Healing Technology Development			
0247 C CY3 Rev A Construction and Demolition Debris Characterization			
D248 C CYS Rev B Moisture/Aging Study of Spray on Foam Insulation			
0249 C CY3 Basic Micro-Wireless Instrumentation System Inventory Support			
0250 C CY2 Rev A Hydrazine Leak Detector Test for CALIPSO			
2253 C CY4 Rev A Chemical Vapor Detection Expertise			
0254 C CY4 Rev A Analytical Instrumentation Expertise			
0255 C CY3 Rev E Wire Insulation and Membrane Expertise			
0256 C CY5 Rev D Vibration Test Facility Operation & Maintenance Infrastructure			
0257 C CY5 Basic Electrostatics and Surface Research			
0258 C CY5 Rev B Environmental Remediation Expertise			
0259 C CY4 Rev B NESC SRB Stud Hang-up Testing			

Task		
Order		
C≃Closed		Title
00260 C	CY3 Rev A	Thermal and Fluids Analysis Workshop Support
00261 C	CY4 Basic	Commodity-Free Calibration
		Cryogenics Testbed Stand Down Recovery Plan

CY 06								
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &			
					\$0			
					\$6			
					\$(

ase Peric	od Task Order	Summary			CY	06		
Task Order				Other Direct	Total Estimated		Incentive	Total Cost
=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
	CY5 Rev A CY3 Rev E	Physics of Rocket Exhaust Cratering Independent Technical Engineering Analaysis Support						
	CY4 Rev B	Electrostatic Shielding of Spacecraft						
	CY4 Rev A	Three Dimensional Boundry Layer Corrections						
0268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development						
0269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support						
0270 C	CY5 Rev. A	VAB Roof Remediation Support						
	CY3 Rev D	Cryogenic In-line Flow Sensor						
	CY3 Rev A	Portable, Hand-held Window Inspection Device						
0273 C		Cryogenic Applications of Shape Metal Alloy Technology						
0274 C	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						
275	CY7 Basic	CTC Program Support						\$78,0
276 C	CY 4 Basic	SOLLO Installation Support						
0277 C	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project						
279 C	CY5 Rev B	KSC Network Device Registry System						
280 C	CY3 Basic	Wireless Sensor Networks						
281 C	CY3 Rev B	Advanced Cable Tester Development						
282 C	CY4 Rev A	RESOLVE						
283 C	CY3 Rev C	External Tank Infrared Radiation Heating						
0284 C	CY3 Rev A	AVEMS CARTA 2005						
0285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						
1286 C	CY3 Rev A	Lunar Regolith						
287 C	CY4 Rev B	Dust Particle Mitigation						
288 C	CY4 Rev A	ISHM Testbed and Prototypes			-	***		
0289 C	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mtr						
0290 C	CY3 Basic	ESS Wireless Network Installation						
0291 C	CY3 Basic	Nano-Tube H2 Gas Sensor						
0292 C	CY4 Rev A	Signal Conditioning for Nan Sensors						
0293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing						
0294 C	CY5 Basic	EZVI Materials testing						
0295 C	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						
0296 C	CY6 Rev B	Chemochromic Hydrogen Detection Expertise						\$37,
0297 C	CY6 Rev. C	OCE and SMO Technical Support						\$190,
0298 C	CY6 Rev D	Complex 20 Cryogenic Engineering Support						\$12,
0299 C	CY3 Basic	VAB Siding Coatings Testing						
0300 C	CY3 Basic	Black Powder Phenomena Study						
0302 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						
0303 C	CY5 Rev. B							
0305 C	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng						
0306 C	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission						
0307 C	CY4 Rev A	EVM Process Documentation						
0308 C	CY5 Rev A	NDE Support at Michoud						
0309 C	CY4 Basic	HLA for SGOS Research Activity						
0310 C	CY5 Rev E	Independent Technical Authority Engineering Analysis Support						
0311	CY7 Basic	Infrastructure					-	\$1,032
0312 C	CY4 Rev F	EVM Preparation						
0314 C	CY4 Rev A	Near Field MSBLS Navset Development						
0315 C	CY5 Rev C	Advance Materials for Aerospace Applications						
0317	CY7 Basic	Imaging Systems Support						\$1,867
0318 C	CY5 Rev A	Active Ice Mitigation Technologies						
0319 C	CY4 Rev A	Advance Technology Development Center Support						
0320 C	CY5 Rev A							
0321 C	CY4 Rev A							
322	CY6 Rev A							\$19
0323 C	CY4 Basic	Study of Mobile Helium Conversion System						
325 C	CY5 Rev A	· ·						
0326 C	CY4 Rev D							
0327	CY7 Rev A							\$598
0328	CY7 Basic							\$14
0329 C		Shuttle Ground Equipment Obsolescence & Sustaining						•
0330 C		RTF Test Site Closeout						
0331 C		Constellation Engineering Support						
0332 C	CY4 Rev A							
)0332 C	CY7 Basic	NASA AP2 Program Support						\$15
N335		LETF Constellation Program Support						\$11,027

Task Order C=Closed	Revision	Title
00336 C	CY4 Rev A	, IMU Simulator
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems
00342	CY7 Basic	Oxygen Production by Molten Salt

		CY	06		
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
					\$1
					\$1
	•				\$
					\$

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Task Order C=Closed	Revision	Title	Adjusted Target Labor Costs	Other Direct	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
00343		Lunar Water Resource Demonstration (LWRD) Expertise					. 06	\$306,922
00344	CY7 Basic	Regolith Volatile Characterization Expertise						\$409,599
00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing						\$0
00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications						\$0
00347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						\$0
00348 00349 C	CY7 Basic CY4 Rev B	IT Baseline Configuration Management Support Advanced Miniaturized Instrumentation and Control Node						\$140,202
00350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller						
00351 C	CY5 Rev A	Solar Water Cracker						\$0
00352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering						\$0
00353 C	CY5 Rev B	NDE Super Problem Resolution Team Support						\$0
00354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery						
00355	CY7 Rev E	Birnetalic Treatment System for PCB Removal						\$72,866
00356 C	CY5 Rev B	Lightning Protection System Design					n.en.	\$0
00357 C 00359	CY4 Rev B CY7 Rev B	EMDS Multiplexer Prototype Fabrication						000.444
00359 00360 C	CY4 Rev B	KT Directorate Engineering Technical Services Support Lightning Monitoring System Support						\$62,414
00361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						\$0
00362	CY7 Basic	Laboratory Relocation to SLSL						\$9,029
00363	CY7 Basic	Sonic Lightning Locator (SOLLO) LSP Project						\$105,343
00364 C	CY5 Rev C	Bird Abatement						\$0
00365	CY7 Basic	NASA-STD-5008A Revision Support						\$79,659
00366	CY7 Rev A	Operational Imaging Support						\$103,983
00367	CY7 Rev B	Consumables Transfer Technology Development Project						\$422,113
00368 C 00369	CY7 Rev A	Geotechnical Testing with Lunar Soil Simulants Command, Control & Communication Development (CxP)						\$80,627 \$5,382,552
00370	CY7 Basic	Command, Control & Communication PM/SE and ! (CxP)						\$428,828
00371 C	CY5 Rev. B							\$0
00372	CY7 Rev A	Shuttle Transition and Retirement						\$365,846
00373 C	CY6 Rev B	Aerodynamic Environment Study of Launch Vehicle Base						\$84,010
00374 C	CY5 Rev A	3-D Scene Analysis						\$0
00375 C	CY5Rev. A	Capacitance Based Liquid Level Sensor						\$0
00376 C 00377 C	CY4 Rev A	Landing & Recovery for Spacecraft & PL Processing (CxP)						
00377	CY5 Rev A CY7 Rev A	Smart Networked Elements in support of IHMS Systems Specifications and Standards - CxP						\$0 \$63.936
00379 C	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)						\$03,536 \$0
00380	CY7 Rev A	SSPF Spacecraft and Payload - CxP						\$383,001
003B1 C	CY6 Rev B	Safety and Mission Assurance CxP Support						\$240,221
00382	CY7 Rev A	Constellation Business Management						\$1,812,731
00383 C	CY5 Rev B	Architecture of a Lunar Instrument						\$0
00384 C	CY5 Rev A	Window Inspection Technology Upgrade						\$0
00385 00386	CY7 Basic	Constellation Project Configuration Management						\$1,411,366
00387 C	CY7 Basic CY5 Rev A	Command and Control ARES Smart Network Elements (SNE) Prototype Fabrication						\$354,547 \$0
00388 C	CY6 Rev B	Launch Coating Operations Support						\$22,989
00389	CY7 Basic	CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi						\$6,097,114
00390 C	CY5 Rev. B	ARES I-1 Pull-Off Umbillical Testing Preparations						\$0
00392	CY7 Basic	VAB High Bay Modification						\$789,283
00393 C	CY6 Rev A	LCC Firing Room #1 Modification						\$205,115
00394	CY7 Basic	Hangar AF Modification						\$587,989
00395 C 00396	CY5 Rev. A CY7 Basic	Ares I-1 Pad B Integration Constellation LC-39B Integration						\$0
00398	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts						\$471,185 \$108,200
00398	CY7 Basic	CLV Mobile Launcher (ML) Project Management						\$404,784
00399 C	CY6 Rev D	Window Defect Inspection Device						\$182,501
00400	CY7 Rev A	USTDC Design and Development Support						\$1,200,264
00401 C	CY5 Rev C	Advanced Communications Development Laboratory Support						\$0
00402 C	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT)						\$13,927
00403 C	CY6 Rev B	LSE Communications System Support						\$140,728
00405 C 00406 C	CY6 Rev A CY5 Rev. A	Application of Dust Screen Electrodes						\$0
00405 C	CY5 Rev. A	Electrostatic Characterization of Lunar Dust Impregnation of Lunar Simulant with SEZVI						\$0
00408 C	CY5 Rev A	Low Temp Processing of Lunar Regolith to Produce O2						\$0 \$0
00409	CY7 Basic	O2 Production System Modeling						\$117.081
00410	CY7 Rev A	Integration Support to Const (CxP) Ground Syst Development						\$1,856,440

Task Order C=Closed	Revision	Title
00411 C	CY5 Rev B	Cryogenic Tank Insulation Test Support
00412	CY7 Rev B	Dust Mitigation
00415	CY6 Rev B	NASA Consolidation of Active Directory Support
00416 C	CY6 Rev A	Coatings Support
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays

	CY 06							
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &			
					\$0			
					\$443,770			
					\$69,707			
					\$10,398			
					\$0			
					\$1.627			

421 (422 (423 (424 C (425 (426 (427 C (428 C (Revision CY5 Rev B CY7 Rev A CY7 Basic CY7 Rev B	Title LIVIS-CWLIS Performance Analysis	Adjusted Target Labor Costs		Total Estimated		Incentive	Total Cost
420 C (421 C) 422 C) 423 C) 424 C (425 C) 426 C) 427 C (428 C)	CY5 Rev B CY7 Rev A CY7 Basic	*****	Costs					iomi cost
421 (422 (423 (424 C (425 (426 (427 C (428 C (4428 C (4448 C (4444	CY7 Rev A CY7 Basic	LIVIS-CWLIS Performance Analysis		Costs	Cost	Award Fee	Fee	fee
422 (423 (424 C (425 (426 (427 C (428 C (CY7 Basic							¢705
423 (424 C (425 (426 (427 C (428 C (Multi-Mission Support Equip (MMSE) For CxP						\$705,
424 C (425 (426 (427 C (428 C (CY7 Rev B	Non-Destructive Evaluation Technologies Development						\$117,
125 (126 (127 C (128 C (Pad B Elec Syst Formulation Supp Exploration Ground Syst						\$2,422.
126 (127 C (128 C (CY5 Rev C	S&MA Support for Comand, Control & Communications						
127 C (CY7 Basic	CLV ML Fluid Systems						\$4,673,
128 C (CY7 Rev A	Electrical and Control & Data Division EDL Lab Support						\$1,438
	CY6 Rev B	Solar Thermo Molecular Sieve H2/O2 Production						\$6
20 /	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.						\$19
ا تدع	CY7 Basic	Data Presentation and Visualization						\$661
30 C (CY6 Rev C	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst						\$15
131 C (CY6 Rev A	Digital Image Inspection for Spacecraft Processing						\$32
32 C (CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks						\$68
33 C (CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology						
	CY6 Rev A	AR7 Coating Replacement						\$53
	CY6 Rev A	Polyimide Based Powder Coatings						\$1
	CY5 Rev C	GN2 Filtration Using Electrostatic Methods						•
	CY6 Rev A	IR Leak Visualization						\$47
	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst						-
	CY7 Rev A	IPP Ground Operations Health Management						\$73
								\$63
	CY7 Basic	IPP Self-Healing Wiring						300
	CY5 Rev A	Fluid Dynamics Conference Manuscript						
	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)						
	CY7 Basic	IPP Nanosensors					•	\$43
145 (CY7 Rev A	White Light Interferometric Depth Gage						\$113
146 C (CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification						
147 (CY7 Rev A	Hypergol Detection						\$57
148 (CY7 Basic	PC Based Command & Telemetry Workstation						\$8
	CY6 Rev B	Coastal Radar Video Surveillance System						\$18
	CY7 Basic	CTC Equipment Obsolescence Implementation						\$517
	CY5 Rev B	Experimental Imaging Lab Infrastructure						
	CY7 Rev A	ML Electrical Sys. Supp. for Constellation Ground Sys.						\$4,390
		ATM Transmission System Replacement						0.,000
								\$28
		Hubble Service Repair Mission ESPL Support						\$13
	CY7 Basic	Materials Science Lab Support						
	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support						\$1,550
	CY7 Basic	Engineering Analysis for Constellation						\$18
	CY7 Basic	TEERM and AFSPC Program Support						\$50
462	CY7 Rev A	Mirnally Intrusive Repair, Detection, and Self-Repair Systems						\$38
463	CY7 Rev A	Smart Coatings for Corrosion Detection and Control						\$299
464 C	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity						
465	CY6 Rev C	Technology Investment in Cryogenic Applications						\$1
	CY6 Rev B	Optical Properties of Lunar Soil Erosion						\$1
	CY6 Rev B	NASA Lessons Learned Program Support						\$17
	CY7 Rev A							\$6
	CY6 Rev D							\$6
								\$32
	CY7 Rev C							\$7
	CY7 Rev A							\$25
	CY7 Rev A							
	CY7 Basic							\$
	CY6 Rev B							\$28
		Hangar AF GSE for CxP						\$84
476	CY7 Rev C	KSC Hydrogen Dispensing Station						\$3
477	CY7 Rev B	Corrosion Labs						\$25
	CY7 Rev C							· \$43
	CY6 Rev B							\$4
	CY7 Basic	System(s) @ LC39B						\$1
	CY7 Rev A							\$11
								\$37
	CY7 Rev A							\$37 \$27
	CY6 Rev C							\$27 \$1
	CY7 Basic	ARL Coatings and Corrosion Research						\$1.93
	CY7 Basic	S&MA Products for CxP Subsystem Development						- ,
	CY7 Rev B							\$37
	CY7 Basic CY7 Basic	XPS Support Shuttle Lightning Instrumentation Support						\$ \$1 \$5

Task Order C=Closed	Revision	Title
00489 C	CY7 Rev A	Excavation Modeling System
00490		ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
00492 C	CY6 Rev B	Infrared Camera-Based Fire Detection
00493	CY7 Basic	Remote Measurements of Glass Defects
00494 C	CY7 Rev A	PELT Sensor - Phase 2

	CY 06								
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee				
					\$65,537				
					\$128,435				
					\$26,157				
					\$49,445				
					\$34,211				
					\$94,125				

Base Peri	od Task Orde	r Summary			CY)6		
Task			Adjusted		Total			
Order			Target Labor		Estimated		Incentive	Total Cost &
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
00495 00496	CY7 Rev B CY7 Basic	ISRU Systems Demo - ROXYGEN CNT Ink for Dust Mitigation						\$78,653 \$59,717
00497	CY7 Rev A	LX-C & UB Special Spt for CxP						\$206,722
00498 C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements						\$186,620
00499	CY7 Rev A	Electro-Magnetically Actuated Ball Valve Development						\$12,046
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor						\$129,246
00501	CY7 Basic	Software Process Improvement						\$127,661
00502 00503 C	CY7 Basic CY6 Rev A	Physics Concepts Support Non-Hazardous Hydrazine Neutralization						\$23,316 \$25,153
00504	CY7 Rev A	Cryo & Fluids Technology Focus Areas Support						\$25,153 \$99,597
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad						\$28,610
00507 C	CY6 Rev B	Helium Sensing & Purge Gas Reclamation						\$32,703
00508	CY7 Rev A	GMRO Lab Infrastructure Support						\$28,652
00509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support						\$86,702
00510 00511	CY7 Rev A CY7 Basic	New Materials for Structural Composites and Conductive Coat NAVAIR Support for Non-Chrome Coatings						\$14,973 \$4,791
00512 C	CY6 Rev F	Online Wiring Diagnostics						\$60,436
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating						\$4,115
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment						\$5,815
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.						\$87,024
00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.						\$32,995
00522 C 00524	CY7 Rev A CY7 Basic	Composite Conductors for Lightning Strike Mitigation NASA Materials Science WCSP/WCSD Server Sys, Admin.						\$5,991
00524	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II				_		\$29,648 \$54,703
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware						\$22,185
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection						\$325,455
00528	CY7 Basic	Paratlel Cryogenic Pumping Capability						\$63,560
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						\$65,170
00531	CY7 Basic	Integrated Ground Systems Diagnostics						\$71,261
00532 C 00533	CY6 Rev C CY7 Basic	Flow Detection System for WCCS ControlNet Enabling Tech. for CNETSS in Support of ISHM						\$72,596
00534	CY7 Basic	Cryogen Storage in Aerogel Composites						\$46,039 \$23,667
00535	CY7 Basic	Low VOC Topcoats for Thermal Spray Coatings						\$6,467
00536	CY7 Basic	Mars Architecture Team (MAT) Study						\$1,983
00537 C	CY6 Rev A	Crawlerway Foundation Study						\$13,199
00538	CY7 Basic	PAD 39B CLV LH2						\$246,785
00539 00540	CY7 Rev A CY7 Basic	NDE Techniques for Monitoring Fairings Aerocoat AR-7						\$8,158
00541	CY7 Basic	Orion SPE Fluid Systems						\$23,312 \$195,452
00542	CY7 Basic	Fluid Systems (CxP) Integration Support						\$116,759
00543	CY7 Rev A	LSP Facilities Project Management Support						\$25,597
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						\$991
00546 00547	CY7 Basic	Software Development for Rapid Propellant Loading						\$63,180
00548	CY7 Rev A CY7 Basic	Rapid Loading Cryo Systems for Simulated Launch Vehicle Refractory Materials for Flame Deflector Protection System						\$207,111 \$54,557
00549	CY7 Rev A							\$148,550
00550	CY7 Basic	LETF Constellation Test Support						\$14,916
00551	CY7 Basic	Coastal Radar Video Surveillance System Installation						\$34,454
00552	CY7 Rev A							\$139,199
00554 00556	CY7 Basic CY7 Rev A	Load Supporting Aerogel Insulation for Low-Temp Systems NASA PH-N Logistics Engineering Support						\$1,943
00557	CY7 Basic	ESTCP Coating Test						\$18,105
00558	CY7 Basic	Dust Mitigation for Solar Panels						\$241 \$538
00559	CY7 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						\$2,370
00560	CY7 Basic	MPPF Upgrade CxP Project Support						\$22,802
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System						\$5,247
00562	CY7 Basic CY7 Rev A	Aerogel Structural Insulation for Cryogenic Tanks						\$96
00563 00572	CY7 Rev A CY7 Basic	Descent Plume/Ejecta Analysis for Constellation Propellant Conditioning						\$6,821 \$6,821
00573	CY7 Basic	Constellation Logistics Support Analysis						\$6,207 \$9,245
00574	CY7 Rev A							\$4,794
00575	CY7 Rev A							\$2,136
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support						\$0
00577	CY7 Basic	Launch Vehicle Processing Business/Technical Resource						\$0
00578	CY7 Basic	ISS and Spacecraft Processing Support						\$0

Base Perio	od Task Orde	r Summary		CY 06				
Task Order			Adjusted Target Labor		Total Estimated		Incentive	Total Cost 8
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
00579	CY7 Basic	Process Management Support for Crew Launch Vehicle						\$
00581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						\$
00584 C	CY6 Rev A	System Maintenance Engineering Support for TA						\$75
00585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						\$1,25
00586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						\$
00587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						\$
00588	CY7 Basic	Information Systems Division Support						\$
00589	CY7 Basic	Smart Algorithms for Nano Sensor						\$
00590	CY7 Basic	Connector Electrical Integrity Checks Using Ultrasonics						\$
00591	CY7 Basic	VAB Firex FIC Design						
00592	CY7 Basic	Solid Rocket Processing Element Support						
00593	CY7 Basic	Helium Conservation						
00594	CY7 Basic	Iridium-Based Inert Anodes						
00595	CY7 Basic	Recycling Methane Production						
00596	CY7 Basic	Continuous Flow Sintering System for Lunar Surface Stabilization						
00597	CY7 Rev A	New Organic Zinc Rich Primer for Launch Structures						
00598	CY7 Basic	In-Situ Propellant Conditioning						
00599	CY7 Basic	Portable Hand-Position Orbiter Window Inspection Device						
00600	CY7 Basic	Large Cryogenic Tank NDE Techniques						
00601	CY7 Basic	Magnetic Excavation and Transport of Lunar Soils						
00602	CY7 Basic	Propellants Management						
00603	CY7 Basic	Online Cable Tester						
00604	CY7 Basic	Regolith O2 Feedstock Excavation						
00605	CY7 Basic	Lunar Implement Quick Attach Interface for Chariot						
00606	CY7 Basic	Continuous Lunar Water Separation Process						
00607	CY7 Basic	Lunar Dust Tolerant Quick Disconnect Connectors						
00608	CY7 Basic	Investigation and Modification of Hypergolic Indicating Wipes						
00609	CY7 Basic	Launch Accessories Expert Support						
00610	CY7 Basic	Non Destructive Evaluation/Inspection Corrosion Under Paint						
00611	CY7 Basic	Refractory Concrete						
00614	CY 7 Basic	CxP Blast Mitigation Support						
		TOTAL						\$76,181,54
		ADJUSTMENT TO ACTUALS						-\$4,448,78
								\$71,732,75
			777,					Ψ11,132,13

Base Perio	od Task Orde	r Summary			CY 07			
Task Order		· !	Adjusted Target Labor				Incentive	Total Cost &
C=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
00001 C	Rev B	60 Day Transition Task Order						\$1
00002	CY7 Rev A	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						\$563,30
00003 C	Basic	Corrosion Resistant Tubing						\$
00004 C 00005 C	CY4 Basic CY5 Rev D	Applied Physics Infrastructure Support						\$ \$
00005 C	CY5 Rev F	Corrosion Test-bed Chemical Instrumentation & Process Lab Infrastructure						\$
00005 C	Rev B*	Hydrogen Peroxide Decomposition						\$
00000 C	Rev A	Galvanic Coatings for Protection of Concrete						S
00009 C	CY2 Basic	Army Corrosion Retardant Additive Testing						Š
00012 C	Rev B	lonic Liquids						Š
00013 C	CY3 Rev B	Corrosion Detection, Prediction and Prevention						3
00014 C	CY 2 Rev B	OTV Modernization				-		3
00015	CY7 Rev B	Communications Engineering Infrastructure						\$192,28
00016 C	CY2 Basic	Network Architecture & Routing Protocols						
00017 C	Basic	KSC LAN Documentation and User Guides						
00018 C	CY4 Rev B	Advanced Communications Development						\$
00019 C	CY4 Rev C	Fiber Optics Lab Projects						\$
00020	CY7 Rev A	IT Systems & Security Technologies						\$354,1
00021 C	CY2 Rev A	Network Service Level Assessment (NSLA)						:
00022 C	Basic	Ultra Wideband (UWB) Commincation Technology						:
00023 C	Basic	Remote Monitoring and Alarm System (RMAS)						
00024 C	CY1 Basic	Emergency Broadcast Cable TV Alert System						\$
00025 C	Rev A	Halon Replacement						000.4
00026 00028 C	CY 7 Basic CY2 Rev B	Electrostatics and Materials Physics Testbed						\$89,4
00028 C	Basic	Electrostatic & Surface Physics R&D Payload Contamination Monitoring						
00030	CY7 Basic	Development of KSC Infrastructure Documentation						\$134,4
00030	CY7 Rev A	Miscellaneous Operations Support						\$73.6
00031 00032 C	CY4 Basic	Proof-of-Concept Support						ø/ 3,05
00033	CY7 Rev A	LETF & Instrumentation O&M						\$750,48
00034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						₩/ JU,44
00035 C	CY3 Basic	LOX Pump Qualification Testing						
00036 C	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						
00038 C	CY3 Rev A	Dev and Test Operations infrastructure and LETF O&M						Š
00039 C	Basic	PGHMA Enhancements and Technical Support						
00041 C	CY3 Rev B	Systems Engineering (NGLT)						
00042	CY7 Rev C	Engineering Technical Services Support & CAD/CAE Support						\$247,9
00043	CY7 Rev A	Innovative Partnership Program Office Support						\$654,6
00044 C	Rev A	ARTWG/ASTWG Integration and Conference Support						
00045	CY7 Basic	Specifications, Standards, and Kennedy Documented						\$41,4
00046 C	CY6 Rev. B	ISS Support Equipment Fabrication, Integration, and Testing						
00047 C	CY3 Rev A	Beach Corrosion Data Acquisition System Support						
00049	CY7 Rev B	LETF Shuttle Operations Testing Support						\$431,7
00050 C	Rev A	Hazardous Gas Detection System (HGDS) 2000						
00051 C	CY6 Rev A	GSE Controls Integration						
00052	CY7 Basic Basic	Command and Control Laboratory Infrastructure						\$373,3
00053 C 00054	CY7 Basic	Upgrade Hypergol Flow Meters Support SSPF Transducer Laboratory Support						\$58, 8
00054 00056 C	CY4 Rev B	Shuttle Transducer Development						0,00 0
00057	CY7 Rev A	Shuttle Transducer Obsolescence						\$635,7
00058 C	CY2 Basic	In-Situ Pressure Calibration System						3030, 7
00059 C	CY4 Rev A	NIST Traceable Portable Pressure Standard						
00060 C	Basic	Acoustic Scaling Methodologies						
00061 C	Rev A	Advanced Hazardous Gas Detection System Development						
00062 C	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						
00063	CY7 Rev D	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$561,5
00064 C	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						9301,3
00070	CY7 Rev A	SBIR/STTR Support						\$208,1
00071 C	CY3 Rev B	LETF DOD Load Testing Support						₩ 200,1
00072 C	CY2 Rev A	E-nose for ISS and EVA						
000/2 0	CY 2 Basic	Technical Documentation Database System						
00074 C	CIEDASIC							
00074 C	Basic	Laser Processing of Spaceport Materials						
00074 C 00076 C		Laser Processing of Spaceport Materials Capcitance Based Sensors						
00074 C 00076 C 00078 C 00079 C	Basic CY2 Basic CY3 Basic	Capcitance Based Sensors NGLT Project Management Support						:
00074 C 00076 C 00078 C	Basic CY2 Basic	Capcitance Based Sensors						\$116,3

Base Period Task Order Summary			CY 07							
Task			Adjusted							
Order			Target Labor	Other Direct			Incentive	Total Cost &		
C≃Closed	Revision	Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee		
	CY2 Rev A	Flight Modern Project						50		
00083	CY7 Rev A	Electronics Infrastructure						\$114,469		
00084	CY7 Rev B	Range Infrastructure						\$251,603		
00085	CY7 Basic	Weather Projects Support						\$27,301		
00086	CY7 Rev C	Autonomous Flight Safety System (AFSS)						\$89,980		
00087	CY7 Rev B	Emerging Communication Technology (ECT)						\$42,545		
00088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						\$0		
00089 C	CY2 Rev B	Intelligent Cable Tester						\$0		
00090 C	CY3 Rev B	KCCS Infrastructure Conversion						\$0		
00091 C	Basic	Signat Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$0		
00092	CY7 Basic	NAVAIDS Flight Inspection System Development						\$54,377		
00093 C	CY2 Rev A	Airborne Particle Counting						\$0		
00094	CY7 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						\$97,100		
	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$0		
		Launch Exhaust Management Systems Phase II						\$0		
	CY 2 Rev B									
00099 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						\$0		
00102	CY7 Basic	Agency Security Update Service (ASUS)						\$680,079		
00105 C	Basic	Failsafe Jackscrew						\$0		
00111 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						\$0		
00115 C	CY3 Basic	Carnera Measurement System for Payload Positioning at Pads						\$0		
00119 C	Basic	WB TAU Certification for Flowliner						\$0		
00120 C	Basic	Cryolab Oxygen Monitor						\$0		
00121 C	Basic	Fire Detection Evaluation						\$0		
00122 C	Basic	Support Equipment Coating Study						\$0		
00123 C	Rev A	RWGS						\$0		
00125 C	CY4 Rev A	Minature Smart Leak Sensor						\$0		
	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						\$0		
								\$0 \$0		
	Basic	Spaceport Processing System LPS Survivability Task								
00131 C	CY3 Rev B	KSC BTU Measurement System						\$0		
00132 C	CY2 Rev B	Development of Portable Hydrazine Detector						\$0		
00134 C	Rev B	STS-107 Investigation Support						\$0		
00135 C	CY5 Rev. A	Hydrazine Detection Systems (Mini Mass Spectrometer)						\$0		
00137 C	CY2 Rev A	Modeling of Advanced Physics Concepts						\$0		
00140 C	CY2 Rev A	Thermal Insulation System Retrofit						\$0		
00141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						\$0		
00142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor						\$0		
00143 C	Basic	Systems Engineering Tools Assessment						\$0		
00144 C	CY 2 Rev B							\$0		
00145 C	CY 2 Rev B							\$0		
00145 C	Rev A	ELV Lightning Detection Support						\$0		
		Orbital Space Plane (OSP) Project MGMT Support						\$0		
00147 C	Basic									
00148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						\$0		
00149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						\$0		
00150 C	Basic	Remote Imaging of Hydrogen and Helium Leaks						\$0		
								\$0		
00151 C	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						\$0		
00152 C	Basic	Long Distance Transfer Piping								
00153 C	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$0		
00154 C	CY 2 Rev B							\$0		
00155	CY7 Basic	LSP Instrumentation Support						\$13,422		
00156 C	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities						\$0		
00157 C	Basic	Seawater Immersion Facility Support						\$0		
00158 C	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF						\$0		
00159 C	CY4 Rev B	Millimeter Wave Imaging Support						\$0		
00160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						\$0		
		Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						\$0		
00161 C	Basic CV2 Pov C							\$0		
00162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						\$0 \$0		
00163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support								
00164 C	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						\$0		
00165 C		RF Health Node						\$0		
00166 C	CY2 Rev C	Hazardous Environment Equipment Upgrades						\$0		
00168 C	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						\$0		
00169 C	CY2 Basic	ELV GN2 Pressure Reducing Panel						\$0		
00170 C	CY2 Rev C	ATDC Engineering Study and Implementation Plan						\$0		
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						\$0		
00173 C	CY2 Basic	LPS Operations and Maintenance Support						\$0		
00174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						\$0		
00176 C	CY2 Rev D							\$0		
00177 C	CY2 Rev D							\$0		
,	J							•••		

Task		
Order		
C=Closed	Revision	Title
00178 C	CY2 Rev A	Hyper Spill Detection System
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material
		New Microencapsulated Membrane

		CY 07			
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
					\$0
					\$0
					Q1

Base Period Task Order Summary					CY 07			
Task			Adlasasas		0.07	~		
Order			Adjusted Target Labor	Other Direct			Incentive	Total Cost &
	Revision	Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
00181 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS) Electrostatic Breakdown in Launch Vehicle Systems						\$0
00183 C	CY2 Basic	Vision Location System Research						\$0
00184 C	CY2 Rev A	LASER Repair Applications						\$0
00185 C	CY2 Rev B	Electro-Optic Electric Field Measurements						\$0 \$0
00186 C 00187	CY2 Rev B CY7 Rev A	Application of AGDP to alter Surface Properties of Materials						\$0 \$0
		Hazardous Gas Detection Applications Intelligent Algorithms						\$288,224
	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						\$0
00190	CY7 Basic	Development Systems Support for SPS Development Lab						\$0 \$370,470
	CY2 Basic CY3 Rev C	Knowledge Management for Ground Processing						\$0
	CY4 Rev A	Impact Penetration Sensor System for RC & LI900 Tile Return to Flight Ground Camera Project						\$0
	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise						\$0
	CY4 Rev A	Ground Processing Shop Aids and Tools						\$0 \$0
	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						\$0
	CY4 Rev C CY3 Rev C	Launch System Testbed O&M Performance Evaluation of Rapid Cure Coatings						\$0
	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						\$0
	CY2 Basic	Development of Acoustic Estimate Tool						\$0
	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						\$0 \$0
	CY5 Rev B	Formulation of Polymer Materials for ESD & Flame Retardency						\$0
	CY3 Rev C CY3 Rev A	Ablator Impact Testing Wireless Networks and Sensors						\$0
	CY2 Rev B	ESS Wireless Network Installation						\$0
	CY4 Rev A	Constellation Project Management & System Engineering						\$0
	CY2 Basic	System Administrator Certifications						\$0 \$0
	CY4 Rev A	PCG2 System Support						\$0
	CY5 Rev D CY2 Rev A	Concurrent Technology Corporation (CTC) Coupon Study HyTEX RF Health Node						\$0
	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						\$0
	CY5 Rev A	NAVAIR Coatings Study						\$0 \$0
	CY6 Rev A	ASTWG/ARTWG Conference Support						\$0 \$0
00219 C 00220	CY3 Rev A CY7 Basic	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation Non-Governmental VCS's and Standards						\$0
	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						\$52,541
	CY5 Rev A	NESC Technical Support						\$0
	CY2 Basic	Coriolis Flow Meter Testing						\$0 \$0
	CY3 Rev B	SLF ATCT Equipment and Cable Installation						\$0
	CY3 Rev B CY4 Rev B	ELV Contamination Monitoring Instrumentation Project Detection & Measurement of Water in Spaceflight Materials						\$0
	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						\$0
	CY4 Rev A	De-painting Technology for Structural Steel						\$0 \$0
	CY5 Basic	Polyurethane Replacement Coatings						\$0 \$0
	CY4 Rev A	Intergated Intelligent Health Management System (OSF)						\$0
	CY4 Rev B CY3 Rev C	Self Validating Thermocouple System Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval						\$0
	CY2 Rev A	Environmental Monitoring Support						\$0
00235 C	CY3 Rev A	System Component Selection Tool Demonstration Project						\$0 \$0
	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						\$0 \$0
	CY2 Rev A CY3 Rev A	Hypergolic Trigger Level Sensor Debris Recognition Camera Image Analysis						\$0
	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)						\$0
	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						\$0 \$0
	CY4 Rev A	Boeing Space Station Support						\$0
	CY3 Rev A	Usability Study of Virtual and Simulation Environments						\$0
	CY2 Rev B CY3 Rev A	Wire Insulation Repair & Self-Healing Technology Development						\$0
	CY5 Rev B	Construction and Demolition Debris Characterization Moisture/Aging Study of Spray on Foam Insulation						\$0
	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						\$0 \$0
		Hydrazine Leak Detector Test for CALIPSO						\$0
		Chemical Vapor Detection Expertise						\$0
	CY4 Rev A CY3 Rev E	Analytical Instrumentation Expertise Wire Insulation and Membrane Expertise						\$0
		Vibration Test Facility Operation & Maintenance Infrastructure						\$0 \$0
	CY5 Basic	Electrostatics and Surface Research						\$0 \$0
	CY5 Rev B	Environmental Remediation Expertise						\$0
00259 C	CY4 Rev B	NESC SRB Stud Hang-up Testing						\$0

Task
Order
C=Closed Revision
Title
00260 C CY3 Rev A Thermal and Fluids Analysis Workshop Support
00261 C CY4 Basic Commodity-Free Calibration
00262 C CY3 Rev E Clyogenics Testbed Stand Down Recovery Plan

CY 07								
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &			
					\$			
					\$			
					\$			

ase Per	iod Task Orde	er Summary			CY 07			
Task Order			Adjusted					
Order C=Closed	d Revision	Title		Other Direct			incentive	Total Cos
0263 C	CY5 Rev A	Physics of Rocket Exhaust Cratering	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
0264 C	CY3 Rev E	Independent Technical Engineering Analaysis Support						
0265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft						
0267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections						
0268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development						
0269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support						
0270 C 0271 C								
0271 C 0272 C	CY3 Rev D CY3 Rev A	Cryogenic In-line Flow Sensor						
0273 C		Portable, Hand-held Window Inspection Device						
0274 C	CY3 Rev A	e Cryogenic Applications of Shape Metal Alloy Technology Lanthanide Based Hydrogen Sensitive Coatings						
0275	CY7 Basic	CTC Program Support						
0276 C	CY 4 Basic	SOLLO Installation Support						\$143,
0277 C	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project						
279 C	CY5 Rev B	KSC Network Device Registry System						
280 C	CY3 Basic	Wireless Sensor Networks						
281 C	CY3 Rev B	Advanced Cable Tester Development						
282 C	CY4 Rev A	RESOLVE						
283 C	CY3 Rev C	External Tank Infrared Radiation Heating						
284 C	CY3 Rev A	AVEMS CARTA 2005						
285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						
286 C 287 C	CY3 Rev A CY4 Rev B	Lunar Regolith						
288 C	CY4 Rev A	Dust Particle Mitigation ISHM Testbed and Prototypes						
289 C	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mtr						
290 C	CY3 Basic	ESS Wireless Network Installation						
	CY3 Basic	Nano-Tube H2 Gas Sensor						
	CY4 Rev A	Signal Conditioning for Nan Sensors						
293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing						
294 C	CY5 Basic	EZVI Materials testing						
	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						
	CY6 Rev B	Chemochromic Hydrogen Detection Expertise						
		OCE and SMO Technical Support						
	CY6 Rev D	Complex 20 Cryogenic Engineering Support						
		VAB Siding Coatings Testing				• •		\$1,3
		Black Powder Phenomena Study						
	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						
	CY5 Rev. B	Coatings Support for Exploration & Space Port Design						
	CY4 Rev B CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng						
	_	Acoustic & Vibration Test data Analysis for Pluto Mission						
		EVM Process Documentation NDE Support at Michoud						
		NDE Support at Michoud HLA for SGOS Research Activity						
		Independent Technical Authority Engineering Analysis Support						
		Infrastructure						
12 C	CY4 Rev F	EVM Preparation				*		\$1,022,4
	CY4 Rev A	Near Field MSBLS Navset Development						
	CY5 Rev C	Advance Materials for Aerospace Applications						
	CY7 Basic	Imaging Systems Support						6454.0
		Active Ice Mitigation Technologies						\$454,8
		Advance Technology Development Center Support						
		KCCS Technology Update						
		ESS Security						
		Electrostatic Separation of Regolith						
		Study of Mobile Helium Conversion System						
		Evaluation of USMC Hatch Covers SETI Migration						
		Launch Site Quick Response Technica! Support NESC Technical Support						\$397,9
		NESC Technical Support Shuttle Ground Equipment Obsolescence & Sustaining						\$85,2
		RTF Test Site Closeout						
31 C		Constellation Engineering Support						
		Ground Camera Image Enhancement and Analysis						5
33	CY7 Basic	NASA AP2 Program Support						
35	CY7 Rev A	LETF Constellation Program Support						\$60.79

Task Order		
C=Closed	Revision	Title
00336 C	CY4 Rev A	, IMU Simulator
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems
00342	CY7 Basic	Oxygen Production by Molten Salt

		CY 07			
Adjusted Target Labor Costs	Other Direct	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &

\$0

\$906,362

ase Peno	od Task Orde	r Summary	L		CY 07			
Task			Adjusted		-			
Order			Target Labor	Other Direct			Incentive	Total Cos
=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
0343	CY7 Rev A	Lunar Water Resource Demonstration (LWRD) Expertise						\$94
344	CY7 Basic	Regolith Volatile Characterization Expertise						\$73
345 C	CY5 Rev C	Black Powder Coalescing Filter Testing						
0346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications						
0347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						
0348	CY7 Basic	IT Baseline Configuration Management Support						\$179
0349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node						•
0350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller						
351 C	CY5 Rev A	Solar Water Cracker						
352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering						
353 C	CY5 Rev B	NDE Super Problem Resolution Team Support						
354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery						
355	CY7.Rev E	Bimetalic Treatment System for PCB Removal						\$10
356 C	CY5 Rev B	Lightning Protection System Design						Ψιο
357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication						
359	CY7 Rev B	KT Directorate Engineering Technical Services Support						\$5
	CY4 Rev B	Lightning Monitoring System Support						Φ
361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						
362	CY7 Basic	Laboratory Relocation to SLSL						\$12
363	CY7 Basic	Sonic Lightning Locator (SOLLO) LSP Project						\$15
364 C	CY5 Rev C	Bird Abatement						910
365	CY7 Basic	NASA-STD-5008A Revision Support						\$4
366	CY7 Rev A	Operational Imaging Support						
367	CY7 Rev B	Consumables Transfer Technology Development Project						\$49
368 C	CY7 Rev A	Geotechnical Testing with Lunar Soil Simulants			A440 1 0 10 1 11			\$9
369	CY7 Rev A	Command, Control & Communication Development (CxP)						50.00
370	CY7 Basic	Command, Control & Communication PM/SE and I (CxP)						\$6,85
1371 C		• • • • • • • • • • • • • • • • • • • •						\$57
	CY5 Rev. B	Validation of CFD Analysis w/ LDV Test Data						
0372	CY7 Rev A	Shuttle Transition and Retirement						\$46
0373 C	CY6 Rev B	Aerodynamic Environment Study of Launch Vehicle Base						
0374 C	CY5 Rev A	3-D Scene Analysis						
0375 C 0376 C	CY5Rev. A CY4 Rev A	Capacitance Based Liquid Level Sensor Landing & Recovery for Spacecraft & PL Processing (CxP)						
0377 C	CY5 Rev A	Smart Networked Elements in support of IHMS Systems						
0377 C	CY5 Rev A							
		Specifications and Standards - CxP						\$44
	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)						
0380	CY7 Rev A	SSPF Spacecraft and Payload - CxP						\$32
	CY6 Rev B	Safety and Mission Assurance CxP Support						
0382	CY7 Rev A	Constellation Business Management						\$3,12
0383 C	CY5 Rev B	Architecture of a Lunar Instrument						
0384 C	CY5 Rev A	Window Inspection Technology Upgrade						
385	CY7 Basic	Constellation Project Configuration Management						\$1,89
0386	CY7 Basic	Command and Control ARES						\$38
387 C	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication						
388 C	CY6 Rev B	Launch Coating Operations Support			· m· ·			
389	CY7 Basic	CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi						\$6,82
0390 C	CY5 Rev. B	ARES I-1 Pull-Off Umbillical Testing Preparations						
0392	CY7 Basic	VAB High Bay Modification						\$1,15
0393 C	CY6 Rev A	LCC Firing Room #1 Modification						
0394	CY7 Basic	Hangar AF Modification						\$46
0395 C	CY5 Rev. A	Ares I-1 Pad B Integration						
396	CY7 Basic	Constellation LC-39B Integration						\$53
397	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts						\$
398	CY7 Basic	CLV Mobile Launcher (ML) Project Management						\$41
399 C	CY6 Rev D	Window Defect Inspection Device						
400	CY7 Rev A	USTDC Design and Development Support						\$1,50
401 C	CY5 Rev C	Advanced Communications Development Laboratory Support						Ψ1,00
402 C	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT)						
403 C	CY6 Rev B	LSE Communications System Support						
		Application of Dust Screen Electrodes						
	CY5 Rev. A							
		Impregnation of Lunar Simulant with SEZVI						
0408 C	CY5 Rev A	Low Temp Processing of Lunar Regolith to Produce O2						
)409	CY7 Basic	O2 Production System Modeling						\$1

Task Order C=Closed	Revision	Title	Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
00411 C	CY5 Rev B	, Cryogenic Tank Insulation Test Support						\$0
00412	CY7 Rev B	Dust Mitigation						\$296,421
00415	CY6 Rev B	NASA Consolidation of Active Directory Support						\$0
00416 C	CY6 Rev A	Coatings Support						\$0
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor						\$0
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays						\$15,828

Base Perio	od Task Orde	r Summary			CY 07			
Task			Adjusted					
Order			Target Labor	Other Direct			Incentive	Total Cost &
C=Closed	Revision CY5 Rev B	Title LIVIS-CWLIS Performance Analysis	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
00421	CY7 Rev A	Multi-Mission Support Equip (MMSE) For CxP						\$0
00422	CY7 Basic	Non-Destructive Evaluation Technologies Development						\$378,783
00423	CY7 Rev B	Pad B Elec Syst Formulation Supp Exploration Ground Syst						\$23,996 \$2,701,690
	CY5 Rev C	S&MA Support for Comand, Control & Communications						\$2,701,090
00425	CY7 Basic	CLV ML Fluid Systems						\$4.658.604
00426	CY7 Rev A	Electrical and Control & Data Division EDL Lab Support						\$964,990
	CY6 Rev B	Solar Thermo Molecular Sieve H2/O2 Production						\$0
	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.						\$0
00429 00430 C	CY7 Basic CY6 Rev C	Data Presentation and Visualization Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst						\$1,056,282
	CY6 Rev A	Digital Image Inspection for Spacecraft Processing						\$0
	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks						\$0 \$0
	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology						\$0 \$0
00435 C	CY6 Rev A	AR7 Coating Replacement						\$0
00436 C	CY6 Rev A	Polyimide Based Powder Coatings						\$0
	CY5 Rev C	GN2 Filtration Using Electrostatic Methods						\$0
	CY6 Rev A	IR Leak Visualization						\$0
	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst						\$0
	CY7 Rev A	IPP Ground Operations Health Management						\$12,012
	CY7 Basic CY5 Rev A	IPP Self-Healing Wiring						\$35,333
1	CY5 Rev B	Fluid Dynamics Conference Manuscript						\$0
	CY7 Basic	Integrated Ground Ops. Health Management (IGOHM) IPP Nanosensors						\$0
00445	CY7 Rev A	White Light Interferometric Depth Gage						\$23,380
	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification						\$115,016 \$0
	CY7 Rev A	Hypergol Detection						\$28,253
00448	CY7 Basic	PC Based Command & Telemetry Workstation						\$8,097
00449 C	CY6 Rev B	Coastal Radar Video Surveillance System						\$0
	CY7 Basic	CTC Equipment Obsolescence Implementation						\$181,994
	CY5 Rev B	Experimental Imaging Lab Infrastructure						\$0
	CY7 Rev A CY5 Rev A	ML Electrical Sys. Supp. for Constellation Ground Sys.						\$7,336,922
	CY5 Rev C	ATM Transmission System Replacement Hubble Service Repair Mission ESPL Support						\$0
	CY7 Basic	Materials Science Lab Support						\$0
	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support						\$175,690 \$3.476,209
1	CY7 Basic	Engineering Analysis for Constellation						\$181,393
00461	CY7 Basic	TEERM and AFSPC Program Support						\$22,215
00462	CY7 Rev A	Mirnally Intrusive Repair, Detection, and Self-Repair Systems						\$476,677
	CY7 Rev A	Smart Coatings for Corrosion Detection and Control						\$379,708
	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity						\$0
	CY6 Rev C	Technology Investment in Cryogenic Applications						
	CY6 Rev B	Optical Properties of Lunar Soil Erosion						
00467 C 00468	CY6 Rev B CY7 Rev A	NASA Lessons Learned Program Support Polymer Science and Technology Lab Support						6446.000
	CY6 Rev D	Electrostatic Research on Martian Soil						\$116,390
	CY7 Rev C	Excavation Hardware Development						\$121.650
1	CY7 Rev A	Lunar Soil Dust Standards Development						\$0
00472	CY7 Rev A	IT System Services infrastructure						\$377,798
	CY7 Basic	US Army Vehicle Coating Study						\$5,634
	CY6 Rev B	CLV/VEV Processing & Access GSE in the VAB						\$0
	CY6 Rev C	Hangar AF GSE for CxP						\$0
	CY7 Rev C CY7 Rev B	KSC Hydrogen Dispensing Station Corrosion Labs						\$2,579
1	CY7 Rev C	Applied Chemisty Labs Infrastructure						\$279,716
	CY6 Rev B	Cryogenic Test Lab Operational Support Initiatives						\$288,265 \$0
	CY7 Basic	System(s) @ LC39B						\$40,432
	CY7 Rev A	ISRU Beneficiation						\$90.984
	CY7 Rev A	Heatshield Adapter						\$325,280
	CY6 Rev C	ATXS Replacement Support						\$0
	CY7 Basic	ARL Coatings and Corrosion Research						\$23,987
1	CY7 Basic	S&MA Products for CxP Subsystem Development						\$3,886,247
	CY7 Rev B	Design Engineering Handbook						\$513,677
00487 00488	CY7 Basic CY7 Basic	XPS Support Shuttle Lightning Instrumentation Support						\$19,449
100400	O I / Dasic	опише ступину пъвтипенации эфроп						\$114,506

Task Order C≕Closed	Revision	Title
00489 C	CY7 Rev A	Excavation Modeling System
00490	CY7 Rev C	ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
00492 C	CY6 Rev B	Infrared Camera-Based Fire Detection
00493	CY7 Basic	Remote Measurements of Glass Defects
00494 C	CY7 Rev A	PELT Sensor - Phase 2

CY 07						
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &	
					\$10,006	
					\$200,548	
					\$85,126	
					\$0	
					\$46,620	
					\$6.604	

Base Perio	od Task Orde	r Summary			CY 07			
Task			Adjusted					
Order			Target Labor	Other Direct			Incentive	Total Cost &
C=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
00495 100496	CY7 Rev B CY7 Basic	SRU Systems Demo - ROXYGEN CNT Ink for Dust Mitigation						\$212,287
00490	CY7 Rev A	LX-C & UB Special Spt for CxP						\$65,615
00498 C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements						\$190,147
00499	CY7 Rev A	Electro-Magnetically Actuated Ball Valve Development						\$0 \$59,974
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor						\$14,700
00501	CY7 Basic	Software Process Improvement						\$185,122
00502	CY7 Basic	Physics Concepts Support						\$20,939
00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization						
00504	CY7 Rev A	Cryo & Fluids Technology Focus Areas Support						\$101,511
00505 00507 C	CY7 Basic CY6 Rev B	Sintering Methods for Building a Lunar Launch Pad Helium Sensing & Purge Gas Reclamation						\$47,197
00508	CY7 Rev A	GMRO Lab Infrastructure Support						
00509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support						\$38,974
00510	CY7 Rev A	New Materials for Structural Composites and Conductive Coat						\$686,089 \$29,656
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings						\$27,846
00512 C	CY6 Rev F	Online Wiring Diagnostics						\$0
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating						\$62,761
	CY6 Rev C	Mechanical Systems Dust Assessment						\$0
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.						\$33,061
00521 00522 C	CY7 Basic CY7 Rev A	In-Situ Phosphatization for KSC Coatings and Corrosion Prev. Composite Conductors for Lightning Strike Mitigation						\$50,309
00524	CY7 Basic	NASA Materials Science WCSP/WCSD Server Sys. Admin.						\$4,008
00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II						\$47,924 \$29,760
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware						\$63,109
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection						\$872,546
00528	CY7 Basic	Parallel Cryogenic Pumping Capability						\$16,642
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						\$14,983
00531	CY7 Basic	Integrated Ground Systems Diagnostics						\$103,613
	CY6 Rev C	Flow Detection System for WCCS						\$0
00533 00534	CY7 Basic CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM Cryogen Storage in Aerogel Composites						\$34,972
00535	CY7 Basic	Low VOC Topcoats for Thermal Spray Coatings						\$52,113
00536	CY7 Basic	Mars Architecture Team (MAT) Study						\$34,792 \$13,028
00537 C	CY6 Rev A	Crawlerway Foundation Study						\$13,020
00538	CY7 Basic	PAD 39B CLV LH2						\$186,775
00539	CY7 Rev A	NDE Techniques for Monitoring Fairings						\$49,930
00540	CY7 Basic	Aerocoat AR-7						\$31,951
00541	CY7 Basic	Orion SPE Fluid Systems						\$1,289,372
00542 00543	CY7 Basic CY7 Rev A	Fluid Systems (CxP) Integration Support LSP Facilities Project Management Support						\$173,625
00543	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						\$100,521
00546	CY7 Basic	Software Development for Rapid Propellant Loading						\$14,318 \$464,604
00547	CY7 Rev A	Rapid Loading Cryo Systems for Simulated Launch Vehicle						\$1,081,079
00548	CY7 Basic	Refractory Materials for Flame Deflector Protection System						\$220,774
00549	CY7 Rev A	Ares I-X Stack-5 Ground Support Equipment						\$212,257
00550	CY7 Basic	LETF Constellation Test Support						\$34,145
00551	CY7 Basic	Coastal Radar Video Surveillance System Installation						\$680,903
00552 00554	CY7 Rev A CY7 Basic	S&MA Level IV Support for the Constellation Ground Systems Load Supporting Aerogel Insulation for Low-Temp Systems						\$732,279
00556	CY7 Rev A	NASA PH-N Logistics Engineering Support						\$50,268
00557	CY7 Basic	ESTCP Coating Test						\$289,720
00558	CY7 Basic	Dust Mitigation for Solar Panels						\$17,012 \$102,249
00559	CY7 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						\$70.989
00560	CY7 Basic	MPPF Upgrade CxP Project Support		-				\$94,793
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System						\$49,138
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks						\$107,452
00563	CY7 Rev A	Descent Plume/Ejecta Analysis for Constellation						\$113,341
00572 00573	CY7 Basic CY7 Basic	Propellant Conditioning Constellation Logistics Support Analysis						\$25,376
00573	CY7 Rev A	VIE Handling and Access GSE Design						\$2,003,556
00575	CY7 Rev A	IT Communications System Support						\$858,329 \$404,438
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support						\$404,438 \$53,496
00577	CY7 Basic	Launch Vehicle Processing Business/Technical Resource						\$251,084
00578	CY7 Basic	ISS and Spacecraft Processing Support						\$607,237

Base Perio	d Task Order	r Summary			CY 07			
Task Order				Other Direct			Incentive	Total Cost
C=Closed	Revision	Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	1ee
	CY7 Basic	Process Management Support for Crew Launch Vehicle						\$253,
	CY7 Basic	Shuttle Turnaround Planning and Manifesting						\$244,
	CY6 Rev A	System Maintenance Engineering Support for TA						\$
	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						\$62.
	CY7 Basic	Aerogel Blanket Insulation for Space Environments						\$74.
	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						\$158.
	CY7 Basic	Information Systems Division Support						\$439.
	CY7 Basic	Smart Algorithms for Nano Sensor						\$79.
	CY7 Basic	Connector Electrical Integrity Checks Using Ultrasonics						\$77.
	CY7 Basic	VAB Firex FIC Design						\$89.
	CY7 Basic	Solid Rocket Processing Element Support						\$218,
	CY7 Basic	Helium Conservation						\$76.
	CY7 Basic	Iridium-Based Inert Anodes						\$33
	CY7 Basic	Recycling Methane Production						\$24
	CY7 Basic	Continuous Flow Sintering System for Lunar Surface Stabilization						\$45.
	CY7 Rev A	New Organic Zinc Rich Primer for Launch Structures						\$39,
	CY7 Basic	In-Situ Propellant Conditioning						\$90,
	CY7 Basic	Portable Hand-Position Orbiter Window Inspection Device						\$40.
	CY7 Basic	Large Cryogenic Tank NDE Techniques						\$50.
	CY7 Basic	Magnetic Excavation and Transport of Lunar Soils						\$44
	CY7 Basic	Propellants Management						\$147
	CY7 Basic	Online Cable Tester						\$25.
	CY7 Basic	Regolith O2 Feedstock Excavation						\$119
	CY7 Basic	Lunar Implement Quick Attach Interface for Chariot						\$86
	CY7 Basic	Continuous Lunar Water Separation Process		*		· · · · · · · · · · · · · · · · · · ·		\$80
	CY7 Basic	Lunar Dust Tolerant Quick Disconnect Connectors						\$190
	CY7 Basic	Investigation and Modification of Hypergolic Indicating Wipes						\$49
	CY7 Basic	Laurich Accessories Expert Support						\$185
0610	CY7 Basic	Non Destructive Evaluation/Inspection Corrosion Under Paint						\$78
	CY7 Basic	Refractory Concrete						\$60
00614	CY 7 Basic	CxP Blast Mitigation Support						\$79
		TOTAL						\$91,124
		ADJUSTMENT TO ACTUALS						WJ 1,124
					7			\$91,124

Dana Baris	od Task Order	Cummany			CY 08			
Base Perk	od rask Order	Juninary						
Task			Adjusted					
Order	**	1		Other Direct			Incentive	Total Cost &
		Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
C=Closed				0000	1000.2000	7.1.1.1.1.1.00		\$0
00001 C	Rev B	60 Day Transition Task Order						\$0
00002	CY7 Rev A	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						
00003 C	Basic	Corrosion Resistant Tubing						\$0
00004 C	CY4 Basic	Applied Physics Infrastructure Support						\$0
00005 C	CY5 Rev D	Corrosion Test-bed						\$0
		Chemical Instrumentation & Process Lab Infrastructure						\$0
00006 C	CY5 Rev F							\$0
00007 C	Rev B*	Hydrogen Peroxide Decomposition						
00008 C	Rev A	Galvanic Coatings for Protection of Concrete						\$0
00009 C	CY2 Basic	Army Corrosion Retardant Additive Testing						\$0
00012 C	Rev B	lonic Liquids						\$0
00013 C	CY3 Rev B	Corrosion Detection, Prediction and Prevention						\$0
								\$0
00014 C	CY 2 Rev B	OTV Modernization						\$0
00015	CY7 Rev B	Communications Engineering Infrastructure						
00016 C	CY2 Basic	Network Architecture & Routing Protocols						\$0
00017 C	Basic	KSC LAN Documentation and User Guides						\$0
00018 C	CY4 Rev B	Advanced Communications Development						\$0
00019 C	CY4 Rev C	Fiber Optics Lab Projects						\$0
								\$0
00020	CY7 Rev A	IT Systems & Security Technologies						\$0
00021 C	CY2 Rev A	Network Service Level Assessment (NSLA)						40
00022 C	Basic	Ultra Wideband (UWB) Commincation Technology						\$0
00023 C	Basic	Remote Monitoring and Alarm System (RMAS)						\$0
00024 C	CY1 Basic	Emergency Broadcast Cable TV Alert System						\$0
	Rev A	Halon Replacement					-	\$0
00025 C				-				\$0
00026	CY 7 Basic	Electrostatics and Materials Physics Testbed						
00028 C	CY2 Rev B	Electrostatic & Surface Physics R&D						\$0
00029 C	Basic	Payload Contamination Monitoring						\$0
00030	CY7 Basic	Development of KSC Infrastructure Documentation						\$0
								\$0
00031	CY7 Rev A							\$0
	CY4 Basic	Proof-of-Concept Support						\$0
00033	CY7 Rev A	LETF & Instrumentation O&M						
00034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						\$0
00035 C	CY3 Basic	LOX Pump Qualification Testing						\$0
00036 C	CY3 Rev A	Mech. Struct, & Controls & GSE Dev Lab O&M						\$0
								\$0
00038 C	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M		-	-			\$0
00039 C	Basic	PGHMA Enhancements and Technical Support						
00041 C	CY3 Rev B	Systems Engineering (NGLT)						\$0
00042	CY7 Rev C	Engineering Technical Services Support & CAD/CAE Support						\$0
00043	CY7 Rev A	Innovative Partnership Program Office Support						\$0
		ARTWG/ASTWG Integration and Conference Support						\$0
00044 C								\$0
00045	CY7 Basic	Specifications, Standards, and Kennedy Documented						\$0
00046 C	CY6 Rev. B	ISS Support Equipment Fabrication, Integration, and Testing						
00047 C	CY3 Rev A	Beach Corrosion Data Acquisition System Support						\$0
00049	CY7 Rev B	LETF Shuttle Operations Testing Support						\$0
		Hazardous Gas Detection System (HGDS) 2000						. \$0
00050 C	Rev A							\$0
00051 C	CY6 Rev A							\$0
00052	CY7 Basic	Command and Control Laboratory Infrastructure						
00053 C	Basic	Upgrade Hypergol Flow Meters Support						\$0
00054	CY7 Basic	SSPF Transducer Laboratory Support						\$0
								\$0
00056 C								\$0
00057	CY7 Rev A							\$0
00058 C	CY2 Basic	In-Situ Pressure Calibration System						
00059 C	CY4 Rev A	NIST Traceable Portable Pressure Standard						\$0
00060 C		Acoustic Scaling Methodologies						\$0
00061 C		Advanced Hazardous Gas Detection System Development						\$0
								\$0
00062 C							-	\$0
00063	CY7 Rev D							
00064 C	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						\$0
00070	CY7 Rev A							\$0
00071 C								\$0
								\$0
	CY2 Rev A							\$0
00074 C		Technical Documentation Database System						\$0
00076 C		Laser Processing of Spaceport Materials						\$0
00078 C	CY2 Basic	Capcitance Based Sensors						\$0
00079 C		NGLT Project Management Support						
00080 C								\$0
	CY7 Rev A							\$0
00081	O17 HeV M	MODEO I light mapposion officers capper.						

CY 08

		or Surminary			CY 08			
Task								
Order			Adjusted					
C=Closec	Revision	Title	Target Labor	Other Direct			Incentive	Total Cost &
	CY2 Rev A		Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
00083		Flight Modern Project						\$0
	CY7 Rev A	Electronics Infrastructure						\$0
00084	CY7 Rev B	Range Infrastructure						\$0 \$0
00085	CY7 Basic	Weather Projects Support						
00086	CY7 Rev C	Autonomous Flight Safety System (AFSS)						\$0
00087	CY7 Rev B	Emerging Communication Technology (ECT)						\$0
00088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						\$0
00089 C	CY2 Rev B	Intelligent Cable Tester						\$0
00090 C	CY3 Rev B							\$0
00091 C	Basic	KCCS Infrastructure Conversion						\$0
		Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$0
00092	CY7 Basic	NAVAIDS Flight Inspection System Development						
00093 C	CY2 Rev A	Airborne Particle Counting						\$0
00094	CY7 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						\$0
00096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$0
00098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II						\$0
00099 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						\$0
00102	CY7 Basic	Agency Security Update Service (ASUS)						\$0
00105 C	Basic	Failsafe Jackscrew						\$0
00111 C	Basic	Closed and Levent Tube (OF) TV Days						\$0
		Closed-end Launch Tube (CELT) Pnuematic Launch Assist						\$0
00115 C	CY3 Basic	Carnera Measurement System for Payload Positioning at Pads						\$0 \$0
00119 C	Basic	WB TAU Certification for Flowliner						\$0 \$0
00120 C	Basic	Cryolab Oxygen Monitor						
00121 C	Basic	Fire Detection Evaluation						\$0
00122 C	Basic	Support Equipment Coating Study						\$0
00123 C	Rev A	RWGS						\$0
00125 C	CY4 Rev A	Minature Smart Leak Sensor						\$0
00126 C	CY3 Rev A	Corrosion Testing of Airplane Wing Structures	*					\$0
	Basic							\$0
		Spaceport Processing System LPS Survivability Task						\$0
	CY3 Rev B	KSC BTU Measurement System						so
	CY2 Rev B							\$0
	Rev B	STS-107 Investigation Support						\$0 \$0
00135 C	CY5 Rev. A	Hydrazine Detection Systems (Mini Mass Spectrometer)						
00137 C	CY2 Rev A	Modeling of Advanced Physics Concepts						\$0
00140 C	CY2 Rev A	Thermal Insulation System Retrofit						\$0
00141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						\$0
00142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor						\$0
00143 C	Basic	Systems Engineering Tools Assessment						\$0
	CY 2 Boy B	Mars Dust Partical Analyzer						\$0
1								\$0
		EVM Support to YA						\$0
	Rev A	ELV Lightning Detection Support						\$0
	Basic	Orbital Space Plane (OSP) Project MGMT Support						\$0
00148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						
	_							\$0
	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						\$0
	Basic	Remote Imaging of Hydrogen and Helium Leaks						\$0 \$0
00151 C	CY 2 Rev B	Payload/Fairing Flowlield Testing for CFD Validation - Phase I						
00152 C	Basic	Long Distance Transfer Piping						\$0
	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$0
		OTV System Modernization						\$0
	CY7 Basic							\$0
		LSP Instrumentation Support						\$0
		Assessment of Bio and Phy Sample Processing Capabilities						\$0
	Basic	Seawater Immersion Facility Support						\$0
		Non-Destructive Examination Support in Preparation for RTF						\$0
		Millimeter Wave Imaging Support						\$0
00160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mot						
	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						\$0
00162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						\$0
		Experiment Management Unit (EMU) Development Support						\$0
	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						. \$0
	CY2 Basic	RF Health Node				-		\$0
								\$0
		Hazardous Environment Equipment Upgrades						\$0
	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						\$0
	CY2 Basic	ELV GN2 Pressure Reducing Panel						\$0
		ATDC Engineering Study and Implementation Plan						\$0
		Launch System Test-bed (LST) Infrastructure Support						\$0
1	CY2 Basic	LPS Operations and Maintenance Support						\$0 \$0
	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						
00176 C	CY2 Rev D	ISRU Quick Assessment						\$0
00177 C		Emulsified Zero-Valent Iron (EZVI)						\$0
								\$0

Task		
Order		
C=Closed	Revision	Title
100178 C	CY2 Rev A	Hyper Spill Detection System
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Materia
		New Microencapsulated Membrane

		CY 08			
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
					\$0
					\$0
					\$0

Task Order		
C=Close		Title
00181 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)
00182 C	CY2 Rev B	The second of th
00183 C	CY2 Basic	Vision Location System Research
00184 C 00185 C	CY2 Rev A CY2 Rev B	
00186 C	CY2 Rev B	Electro-Optic Electric Field Measurements Application of AGDP to alter Surface Properties of Materials
00187	CY7 Rev A	Hazardous Gas Detection Applications
00188 C	CY2 Rev A	Intelligent Algorithms
00189 C	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete
00190	CY7 Basic	Development Systems Support for SPS Development Lab
00193 C 00194 C	CY2 Basic	Knowledge Management for Ground Processing
00194 C	CY3 Rev C CY4 Rev A	Impact Penetration Sensor System for RC & Ligon Tile
00198 C	CY4 Basic	Return to Flight Ground Camera Project USTDC RTF Project Mgt and Technincal Expertise
00199 C	CY4 Rev A	Ground Processing Shop Aids and Tools
00200 C	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors
00201 C	CY4 Rev C	Launch System Testbed O&M
00202 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings
00203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System
00204 C 00205 C	CY2 Basic CY2 Rev A	Development of Acoustic Estimate Tool
00206 C	CY5 Rev B	Liquid Hydrogen Test Station at Cryogenic Testbed Formulation of Polymer Materials for ESD & Flame Retardency
00207 C	CY3 Rev C	Ablator Impact Testing
00208 C	CY3 Rev A	Wireless Networks and Sensors
00209 C	CY2 Rev B	ESS Wireless Network Installation
00210 C	CY4 Rev A	Constellation Project Management & System Engineering
00211 C	CY2 Basic	System Administrator Certifications
00212 C 00214 C	CY4 Rev A CY5 Rev D	PCG2 System Support
00214 C	CY2 Rev A	Concurrent Technology Corporation (CTC) Coupon Study HyTEX RF Health Node
00216 C	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering
00217 C	CY5 Rev A	NAVAIR Coatings Study
00218 C	CY6 Rev A	ASTWG/ARTWG Conference Support
00219 C	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation
00220 00221 C	CY7 Basic	Non-Governmental VCS's and Standards
00221 C	CY3 Rev A	KCCS Infrastructure Conversion Project Integration NESC Technical Support
00223 C	CY2 Basic	Coriolis Flow Meter Testing
00224 C	CY3 Rev B	SLF ATCT Equipment and Cable Installation
00225 C	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project
00226 C	CY4 Rev B	Detection & Measurement of Water in Spaceflight Materials
00228 C	CY3 Rev B	NOAA-A GN2 Cooler System Documentation
00229 C 00230 C	CY4 Rev A CY5 Basic	De-painting Technology for Structural Steel
00230 C	CY5 Basic CY4 Rev A	Polyurethane Replacement Coatings
00232 C	CY4 Rev B	Intergated Intelligent Health Management System (OSF) Self Validating Thermocouple System
00233 C	CY3 Rev C	Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eva
00234 C	CY2 Rev A	Environmental Monitoring Support
00235 C	CY3 Rev A	System Component Selection Tool Demonstration Project
00236 C	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline
00237 C 00238 C	CY2 Rev A CY3 Rev A	Hypergolic Trigger Level Sensor
00238 C	CY3 Rev C	Debris Recognition Camera Image Analysis Cost Efficient Storage and Transfer (CESAT)
00240 C	CY2 Rev B	Bimettalic Emulsion for PCB Extraction
00241 C	CY4 Rev A	Boeing Space Station Support
00242 C	CY3 Rev A	Usability Study of Virtual and Simulation Environments
00244 C	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development
00247 C	CY3 Rev A	Construction and Demolition Debris Characterization
00248 C	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation
00249 C	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support
00250 C 00253 C	CY2 Rev A CY4 Rev A	Hydrazine Leak Detector Test for CALIPSO
00254 C	CY4 Rev A	Chemical Vapor Detection Expertise Analytical Instrumentation Expertise
0255 C	CY3 Rev E	Wire Insulation and Membrane Expertise
00256 C	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure
00257 C	CY5 Basic	Electrostatics and Surface Research
	CY5 Rev B	Environmental Remediation Expertise
00258 C 00259 C	CY4 Rev B	NESC SRB Stud Hang-up Testing

Adjusted Target Labor	Other Direct			incentive	Total Cost
Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
		M 41 W			
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Task Order		
C=Closed	Revision	Title
00260 C		Thermal and Fluids Analysis Workshop Support
00261 C	CY4 Basic	Commodity-Free Calibration
00262 C	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan

	CY 08

Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee \$0
					\$0

CY 08

Base Period	Task	Order	Summan
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		C. Guirmary			CY 08			
Tas	(
Orde	r		Adjusted					
C=Clo	ed Revision	Title	Costs	Other Direct			Incentive	Total Cost &
00263	CY5 Rev A		Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
00264	CY3 Rev E							\$0
00265	CY4 Rev E	Electrostatic Shielding of Spacecraft						\$0
00267								\$0
00268								\$0
00269		The state of the s						\$0
								\$0
00270		VAB Roof Remediation Support						
00271								\$0
00272								\$0
00273		ne Cryogenic Applications of Shape Metal Alloy Technology						\$0
00274	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						\$0
00275	CY7 Basic	CTC Program Support						\$0
00276	CY 4 Basic							\$0
00277	CY4 Rev B							\$0
00279		KSC Network Device Registry System	****		~~			SO.
00280		Wireless Sensor Networks						\$0
00281								\$0
00282		The same of the sa						\$0
00283								\$0
								\$0
00284								
00285								\$0
00286		Lunar Regolith						\$0
00287	CY4 Rev B	Dust Particle Mitigation						\$0
00288	CY4 Rev A	ISHM Testbed and Prototypes						\$0
00289	CY4 Rev A				1.00			\$0
00290		ESS Wireless Network Installation						\$0
00291		Nano-Tube H2 Gas Sensor						\$0
00292								\$0
00293		Signal Conditioning for Nan Sensors						\$0
		Hex Chrome Alternative Coating Testing						\$0
00294 0		EZVI Materials testing						\$0
00295		- desperant and a second secon						
00296 C		Chemochromic Hydrogen Detection Expertise						\$0
00297 C								\$0
00298 0		Complex 20 Cryogenic Engineering Support						\$0
00299 C	CY3 Basic	VAB Siding Coatings Testing						\$0
00300 C	CY3 Basic	Black Powder Phenomena Study						\$0
00302 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						\$0
00303 C		Coatings Support for Exploration & Space Port Design						\$0
00305 C								\$0
00306 C		Exploration GSE Tiger Team Project Mgmt/Sys Eng						\$0
00307		Acoustic & Vibration Test data Analysis for Pluto Mission						\$0
		EVM Process Documentation						\$0
00308 C		NDE Support at Michoud						\$0
00309 C		HLA for SGOS Research Activity						20
00310 C		Independent Technical Authority Engineering Analysis Support						60
00311	CY7 Basic	Infrastructure			me			\$0
00312 C		EVM Preparation						\$0
00314 C		Near Field MSBLS Navset Development						\$0
00315 C	CY5 Rev C	Advance Materials for Aerospace Applications						\$0
00317	CY7 Basic	Imaging Systems Support						\$0
00318 C	CY5 Rev A	Active Ice Mitigation Technologies						\$0
00319 C	CY4 Rev A	Advance Technology Development Center Support						\$0
00320 C		KCCS Technology Update						\$0
00321 C		ESS Security						\$0
00322	CY6 Rev A	Electrostatic Separation of Regolith						\$0
								\$0
00323 C		Study of Mobile Helium Conversion System			****			\$0
00325 C		Evaluation of USMC Hatch Covers						\$0 \$0
	CY4 Rev D	SETI Migration						
00327	CY7 Rev A	Launch Site Quick Response Technical Support						\$0
00328	CY7 Basic	NESC Technical Support						\$0
00329 C		Shuttle Ground Equipment Obsolescence & Sustaining						\$0
00330 C		RTF Test Site Closeout						\$0
00331 C	CY5 Rev F	Constellation Engineering Support						
00332 C	CY4 Rev A	Ground Camera Image Enhancement and Analysis						\$0
00333	CY7 Basic	NASA AP2 Program Support						
00335		LETF Constellation Program Support						\$62,291
								\$0

Task Order C≃Closed	Revision	Title
00336 C	CY4 Rev A	JMU Simulator
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems
00342	CY7 Basic	Oxygen Production by Molten Salt

Adjusted	Other Direct			Incentive	Total Cost &	
Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee	

CY 08

					CY 08			
Task			Adjusted					
Order			Target Labor	Other Direct			Incentive	Total Cost &
C=Closed 100343		Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
	CY7 Rev A	Lunar Water Resource Demonstration (LWRD) Expertise						\$0
00344	CY7 Basic	Regolith Volatile Characterization Expertise						\$0
00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing						\$0
00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications						\$0
00348	CY5 Rev A CY7 Basic	Cryogenics Gate Valve with Seating Technology						\$0
00349 C	CY4 Rev B	IT Baseline Configuration Management Support						\$0
00350 C	CY4 Rev C	Advanced Miniaturized Instrumentation and Control Node						
00351 C	CY5 Rev A	Fault-Tolerant PLC-Based Controller Solar Water Cracker						
00352 C	CY5 Rev A							\$0
00353 C	CY5 Rev B	NASA IT-C Project Management and Systems Engineering NDE Super Problem Resolution Team Support						\$0
00354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery						\$0
00355	CY7 Rev E	Bimetalic Treatment System for PCB Removal						
00356 C	CY5 Rev B	Lightning Protection System Design						
00357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication						\$0
00359	CY7 Rev B	KT Directorate Engineering Technical Services Support						
00360 C	CY4 Rev B	Lightning Monitoring System Support						\$0
00361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						
00362	CY7 Basic	Laboratory Relocation to SLSL						\$0
00363	CY7 Basic	Sonic Lightning Locator (SOLLO) LSP Project						\$0
00364 C	CY5 Rev C	Bird Abatement						\$0
00365	CY7 Basic	NASA-STD-5008A Revision Support						\$0
00366	CY7 Rev A	Operational Imaging Support						\$0
00367	CY7 Rev B	Consumables Transfer Technology Development Project						\$0
00368 C	CY7 Rev A	Geotechnical Testing with Lunar Soil Simulants						\$0
00369	CY7 Rev A	Command, Control & Communication Development (CxP)						\$0
00370	CY7 Basic	Command, Control & Communication PM/SE and I (CxP)						\$0
00371 C	CY5 Rev. B							\$162,202
00372	CY7 Rev A	Shuttle Transition and Retirement						\$0
00373 C	CY6 Rev B	Aerodynamic Environment Study of Launch Vehicle Base						\$0
00374 C	CY5 Rev A	3-D Scene Analysis						\$0
00375 C	CY5Rev. A	Capacitance Based Liquid Level Sensor						\$0
00376 C	CY4 Rev A	Landing & Recovery for Spacecraft & PL Processing (CxP)						\$0
00377 C	CY5 Rev A	Smart Networked Elements in support of IHMS Systems						\$0
00378	CY7 Rev A	Specifications and Standards - CxP						\$431,227
00379 C	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)						\$931,227
00380	CY7 Rev A	SSPF Spacecraft and Payload - CxP						\$340.928
	CY6 Rev B	Safety and Mission Assurance CxP Support						\$340,926
00382	CY7 Rev A	Constellation Business Management						\$0 \$0
00383 C	CY5 Rev B	Architecture of a Lunar Instrument						\$0 \$0
00384 C	CY5 Rev A	Window Inspection Technology Upgrade						\$0 \$0
00385	CY7 Basic	Constellation Project Configuration Management						\$0
00386	CY7 Basic	Command and Control ARES						\$0
00387 C	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication						\$0
00388 C	CY6 Rev B	Launch Coating Operations Support						\$0
00389	CY7 Basic	CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi						\$1,797,721
00390 C	CY5 Rev. B	ARES I-1 Pull-Off Umbillical Testing Preparations						\$0
	CY7 Basic	VAB High Bay Modification						\$267,200
00393 C	CY6 Rev A	LCC Firing Room #1 Modification						\$0
00394 00395 C	CY7 Basic	Hangar AF Modification						\$0
00395 C	CY5 Rev. A CY7 Basic	Ares I-1 Pad B Integration						\$0
00397	CY7 Basic	Constellation LC-39B Integration						\$0
00398	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts						\$0
	CY6 Rev D	CLV Mobile Launcher (ML) Project Management Window Defect Inspection Device						\$104,641
	CY7 Rev A						***	\$0
	CY5 Rev C	USTDC Design and Development Support						\$0
00401 C	CY6 Rev B	Advanced Communications Development Laboratory Support						\$0
1		Simulation and Analysis of Launch Teams (SALT)						\$0
	CY6 Rev B CY6 Rev A	LSE Communications System Support						\$0
	CY5 Rev. A	Application of Dust Screen Electrodes						\$0
		Electrostatic Characterization of Lunar Dust						\$0
t .		Impregnation of Lunar Simulant with SEZVI						\$0
00409	CY5 Rev A CY7 Basic	Low Temp Processing of Lunar Regolith to Produce O2						\$0
		O2 Production System Modeling						\$0
100410	C17 HeV A	Integration Support to Const (CxP) Ground Syst Development						\$0
								34

Task Order		
C=Closed	Revision	Title
00411 C	CY5 Rev B	Cryogenic Tank Insulation Test Support
00412	CY7 Rev B	Dust Mitigation
00415	CY6 Rev B	NASA Consolidation of Active Directory Support
00416 C	CY6 Rev A	Coatings Support
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays

		CY 08			
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
					\$0
					\$234,998
					\$0
					\$0
					\$0
					90

CYT Flav	Base Perio	od Task Order	r Summary		CY 08			
Cocked Persistent Cocked Persistent Cocked Co				Other Direct			Incentive	Total Cost &
CYT Flav	C=Closed				Total Estimated Cost	Award Fee		fee
CVT Sauto Non-Destructive Collation Todorisolgies Devisioners Section								\$0
CVT Plant Part Brid Bet Syst Formulation Supe Epidemisin Octored Syst S2.83.75							,	\$333,141
								\$2,438,707
CY	00424 C							\$0
CVS Flow South Person South	00425	CY7 Basic	CLV ML Fluid Systems					\$3,390,429
CYS Flav CYS Flav	00426							\$982,623
CYF Basic								\$0
CYS Flav; C								\$0 \$0
0.0331 C YS Flor A	00430 C							\$0
CYS Rep F Probine Earning (PSR) Shalding Technology	00431 C							\$0
0.0345 C VPS Par								\$0
C976 File A								\$0
CVS Fiev C CVS Fiev C CVS Filtration Using Electrocates Methods								\$0
10,033 C. YS Pew A Relativistation 5 10,043 C. YS Pew A Acceptance Testing Digital Video Transmission Syst 5 10,044 C. YF Bew A Acceptance Testing Digital Video Transmission Syst 5 10,044 C. YF Bew A Pew A								\$0
CVS Pay A Acceptance Testing Digital Video Transmission System CV41								\$0
CAMITICATION CAMI								\$0
COUNTING Counting	00440 C	CY7 Rev A	IPP Ground Operations Health Management					\$0
CMA15 CYS FeV Integrated Ground Ops. Health Management (IGOHM) CYS FeV CYS F	00441							\$0
CVF Basic PiP Nanosemson Section Secti								\$0
CVF Rev A								\$0
Country Coun				 				\$0 \$0
County C								\$0
C0449 C Y6 Rev B Coastal Rader Video Surveillance System C0451 C Y6 Rev B Experiment Descence Implementation C0451 C Y6 Rev B Experiment Janaging Lab Infrastructure C0451 C Y6 Rev A Mt. Electrical Syst. Supp. for Constellation Ground Sys. C0454 C Y6 Rev A Mt. Electrical Syst. Supp. for Constellation Ground Sys. C0455 C Y6 Rev A Mt. Electrical Syst. Supp. for Constellation Ground Sys. C0456 C Y6 Rev A Mt. Electrical Syst. Supp. for Constellation Ground Sys. C0457 C Y6 Rev A Mt. Electrical Syst. Supp. for Constellation Ground Arrival Mt. Support C Y6 Rev A C Y6 Rev A Mt. Electrical Syst. Supp. for Constellation Ground Arrival Mt. Support C Y6 Rev A C Y6 Rev A Mt. Electrical Syst. Support C Y6 Rev A Mt. Electrical Syst. Support C Y6 Rev A C Y6 Rev A Mt. Support C Y6 Rev B	00447							\$0
CASS C VS Basic CTC Equipment Obsolescence Implementation CASS C VS Rev B Experimental Imaging Lab Infrastructure CASS C VS Rev A ML Electrical Sys. Supp. for Consetlation Ground Sys. CASS C VS Rev A ATM Transmission System Replacement CASS C VS Rev A ATM Transmission System Replacement CASS C VS Rev A ATM Transmission System Replacement CASS C VS Rev A ATM Transmission System Replacement CASS C VS Rev A ATM Transmission System Replacement CASS C VS Rev A ATM Transmission ESPL Support CASS C VS Rev A C VS Rev A	00448							\$0
CAST C YS Rev B Experimental Imaging Lab Infrastructure CAST C YS Rev A Inchical Syn. Supp. not Constellation Ground Syn. CAST C YS Rev A C Hubble Service Repair Mission ESPIL Support CAST C YS Rev C Hubble Service Repair Mission ESPIL Support CAST C YS Rev C Hubble Service Repair Mission ESPIL Support CAST C YS Rev C C YS Rev	00449 C							\$0
CASS CAS Fee								\$0
CASS C VS Rev A C VF Rev C C VF Rev C								\$0 \$0
CASS CYS Rev C VS Rev C V		-						\$0
CQ457 CYF Basic CVF Basic CLV Upper Stage Umbilical Ground and Flight Plates Support Stage Club Stage Umbilical Ground and Flight Plates Support Stage Club Stage Umbilical Ground and Flight Plates Support Stage Club Stage Umbilical Ground and Flight Plates Support Stage Club Stage Umbilical Ground and Flight Plates Support Stage Club Stage Umbilical Ground and Flight Plates Support Stage Umbilical Ground Art SPC Program Support Stage Umbilical Ground Art SPC Program Support Stage Umbilical Ground Stage Stage Umbilical Ground Stage Stage Umbilical Ground Stage S								\$0
C0459	00457	CY7 Basic						\$0
CO45 CV7 Basic TERM and AFSPC Program Support S112,00 CO452 CV7 Rev A Minally Intrasive Repair, Detection, and Self-Repair Systems S112,00 CO454 CV7 Rev A Samar Coatings for Corrosion Detection and Control S329,80 CO454 CV5 Rev B FHealth Node SensorNet Flight of Opportunity CO455 CV5 Rev B FHealth Node SensorNet Flight of Opportunity CO455 CV5 Rev B CV5 R	00458							\$0
C0428								\$0
CV7 Rev A Smart Coatings for Corrosion Detection and Control \$329.86								0440.044
CO454 C CY5 Rev B FF Health Node SensorNet Flight of Opportunity CO455 CY6 Rev C Technology Investment in Cryogenic Applications CO456 CY6 Rev B CO456 CY6 Rev B CO456 CY6 Rev B CO456 CY6 Rev B CY7 Rev A Cy7 Rev A Cy7 Rev A Cy7 Rev B Cy7 Rev A Cy7 Rev B Cy7 Rev A Cy7 Rev B Cy7 Rev C Cy7 Rev B Cy7 Rev A Cy7 Rev B Cy7 Rev A Cy7 Rev A Cy7 Rev A Cy7 Rev A Cy7 Rev B Cy7 Rev A Cy7 Rev B Cy7 Rev A Cy7 Rev A Cy7 Rev B Cy7 Rev B								
C0455 CYS Rev C Technology Investment in Cryogenic Applications	1		•					\$329,000 \$0
C0467 C CY6 Rev B NASA Lessons Learned Program Support S C0468 CY7 Rev A Polymer Science and Technology Lab Support S C0470 CY7 Rev A CY7 Rev A C0470 CY7 Rev A CY7 Rev B CY7 Rev A CY7 Rev B	00465							
CO458 CY7 Rev A Polymer Science and Technology Lab Support CO458 CY7 Rev B CO459 CY7 Rev C CY7 Rev	00466 C	CY6 Rev B	Optical Properties of Lunar Soil Erosion					
C0469 C C C Flev D Electrostatic Research on Martian Soil Structure Stru								
CQ47P CY7 Rev C Excavation Hardware Development \$11.1° CQ47P CY7 Rev A Lunar Soil Dust Standards Development \$11.1° CQ47C CY7 Rev A Lunar Soil Dust Standards Development \$1.1° CQ47C CY7 Rev A US Army Vehicle Coating Study \$1.0° CQ47C CY6 Rev B CL/VFEV Processing & Access GSE in the VAB \$1.0° CQ47C CY7 Rev C KSC Hydrogen Dispensing Station \$1.0° CQ47C CY7 Rev B Corrosion Labs \$1.0° CQ47B CY7 Rev B Cryogenic Test Lab Operational Support Initiatives \$1.0° CQ47B CY7 Rev B System(s) & Loss B \$1.5° CQ43C CY7 Rev B ISRU Beneficiation \$1.0° CQ43C CY7 Rev A Healshield Adapter \$1.0° CQ43C CY7 Rev A Healshield Adapter \$1.0° CQ43C CY7 Rev B AVS Replacement Support \$2.722.8° CQ48b CY7 Rev B S&MA Products for CxP Subsystem Development \$2.722.8° CQ48b CY7 Rev B Design Enginee					~ ~	-		\$0
COC471 C CY7 Rev A Lunar Soil Dust Standards Development								£11 110
CC472	100 0		•					\$11,110
00474 C CY6 Rev B CLV/VEV Processing & Access GSE in the VAB 00475 C CY6 Rev C Hangar AF GSE for CxP 00476 CY7 Rev C KSC Hydrogen Dispensing Station C 00477 CY7 Rev B Corrosion Labs C 00478 CY7 Rev C Applied Chemisty Labs Infrastructure C 00479 CY7 Rev C Cy7 Gev C Cory Geric Test Lab Operational Support Initiatives C 00480 CY7 Basic System(s) @ LC39B S 00481 CY7 Rev A ISRU Beneficiation S 00482 CY7 Rev A Healshield Adapter S 00483 CY7 Basic AFL Coatings and Corrosion Research S 00485 CY7 Basic S&MA Products for CxP Subsystem Development \$2,722,8 00487 CY7 Rev B Seign Engineering Handbook S	00472							
0C475 C CY6 Rev C Hangar AF GSE for XP 0C0476 CY7 Rev C KSC Hydrogen Dispensing Station SC 0C477 CY7 Rev B Corrosion Labs SC 0C478 CY7 Rev C Applied Chemisty Labs Infrastructure SC 0C478 CY7 Rev B Cryogenic Test Lab Operational Support Initiatives SC 0C480 CY7 Besic System(s) © LC39B SS 0C481 CY7 Rev A ISRU Beneficiation SS 0C482 CY7 Rev A Healshield Adapter SS 0C483 CY7 Basic AFXS Replacement Support SS 0C484 CY7 Basic AFIL Coatings and Corrosion Research SS 0C485 CY7 Rev B SSMA Products for CxP Subsystem Development \$2,722,8 0C486 CY7 Rev B Seign Engineering Handbook XPS Support								
00476 CY7 Rev C KSC Hydrogen Dispensing Station 00477 CY7 Rev B Corosion Labs 00478 CY6 Rev C Applied Chemisty Labs Infrastructure 00479 C CY6 Rev B Cryogenic Test Lab Operational Support Initiatives 00480 CY7 Rev A System(s) @ LC39B 00481 CY7 Rev A ISRU Beneficiation 00482 CY7 Rev A Heatshield Adapter 00483 CY6 Rev C ATXS Replacement Support 00484 CY7 Basic ARL Coatings and Corosion Research 00485 CY7 Rev B SwMA Products for CxP Subsystem Development \$2,722.8 00487 CY7 Basic XPS Support								
00477 CY7 Rev B Corrosion Labs 00478 CY7 Rev C Applied Chemisty Labs Infrastructure 00479 C CY6 Rev B Cyogenic Test Lab Operational Support Initiatives 00480 CY7 Basic System(s) ® LC39B 00481 CY7 Rev A ISRU Beneficiation 00482 CY7 Rev A Heatshield Adapter 00483 C CY6 Rev C ATXS Replacement Support 00484 CY7 Basic ARL Coatings and Corrosion Research 00485 CY7 Rev B S&MA Products for CxP Subsystem Development \$2,722,8 00487 CY7 Basic XPS Support XPS Support	1							
00478 CY7 Rev C Applied Chemisty Labs Infrastructure 00479 00479 CY6 Rev B Cryogenic Test Lab Operational Support Initiatives 0 00480 CY7 Besic System(s) & LG39B 0 00481 CY7 Rev A ISRU Beneficiation 0 00482 CY7 Rev A Healshield Adapter 0 00438 CY6 Rev C ATXS Replacement Support 0 00484 CY7 Basic ARL Coatings and Corrosion Research 0 00485 CY7 Rev B S&MA Products for CxP Subsystem Development \$2,722,8 00486 CY7 Rev B Design Engineering Handbook \$2,722,8 00487 CY7 Basic XPS Support \$2,722,8								\$0
00479 C CY6 Rev B Cyogenic Test Lab Operational Support Initiatives 00480 CY7 Easic System(s) @ LC39B 00481 CY7 Rev A ISRU Beneficiation 00482 CY7 Rev A Healshield Adapter 00483 C CY6 Rev C 00484 CY7 Basic ATXS Replacement Support 00485 CY7 Rev B S&MA Products for CXP Subsystem Development 00486 CY7 Rev B Design Engineering Handbook 00487 CY7 Basic XPS Support								\$6
00480 CY7 Basic System(s) & LC39B 00481 CY7 Rev A LSRU Beneficiation 00482 CY7 Rev A Heatshield Adapter 00483 CY6 Rev C ATXS Replacement Support 00484 CY7 Basic AFL Coatings and Corosion Research 00485 CY7 Rev B S&MA Products for CxP Subsystem Development \$2,722.8 00487 CY7 Basic XPS Support								\$6
0C481 CY7 Rev A ISRU Beneficiation 5 0C482 CY7 Rev A Healshield Adapter 5 0C483 CY6 Rev C ATXS Replacement Support 5 0C484 CY7 Basic ARL Coatings and Corrosion Research 5 0C485 CY7 Besic S&MA Products for CxP Subsystem Development \$2,722,8 0C486 CY7 Rev B Design Engineering Handbook 0C487 CY7 Basic XPS Support								\$6
00483 C CY6 Rev C ATXS Replacement Support 00484 CY7 Basic AFL Coatings and Corosion Research 00485 CY7 Rev B S&MA Products for CxP Subsystem Development \$2,722.8 00487 CY7 Resic XPS Support								\$0
60484 CY7 Basic ARL Coatings and Corrosion Research 00485 CY7 Basic S&M Products for CxP Subsystem Development \$2,722,8° 00486 CY7 Rev B Design Engineering Handbook 00487 CY7 Basic XPS Support	1							\$6
00485 CY7 Basic S&MA Products for CxP Subsystem Development \$2,722,8 00486 CY7 Rev B Design Engineering Handbook 00487 CY7 Basic XPS Support								\$0
00486 CY7 Rev B Design Engineering Handbook 00487 CY7 Basic XPS Support	1		•					\$0 \$2 722 87
00487 CY7 Basic XPS Support	1							\$2,722,87
	00487	CY7 Basic						\$0
	00488	CY7 Basic	Shuttle Lightning Instrumentation Support					\$0

Task Order		
C=Closed	Revision	Title
00489 C	CY7 Rev A	Excavation Modeling System
00490	CY7 Rev C	ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
00492 C	CY6 Rev B	Infrared Camera-Based Fire Detection
00493	CY7 Basic	Remote Measurements of Glass Defects
00494 C	CY7 Rev A	PELT Sensor - Phase 2

		CY 08			
Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
					\$
					\$74,11
					\$
					\$
					\$
					\$

Base Period Task Order Summary		r Summary	CY 08						
Task Order				Other Direct			Incentive	Total Cost 8	
C=Closed 10495		Titte #SRU Systems Demo - ROXYGEN	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee \$33,21	
	CY7 Rev B	CNT Ink for Dust Mitigation						900,21	
	CY7 Basic CY7 Rev A	LX-C & UB Special Spt for CxP						9	
	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements						3	
	CY7 Rev A	Electro-Magnetically Actuated Ball Valve Development						9	
	CY7 Basic	CEV Service Module Leakage Flow Sensor						3	
	CY7 Basic	Software Process improvement						9	
0502	CY7 Basic	Physics Concepts Support						\$	
	CY6 Rev A	Non-Hazardous Hydrazine Neutralization						:	
0504	CY7 Rev A	Cryo & Fluids Technology Focus Areas Support						:	
0505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad						:	
0507 C	CY6 Rev B	Helium Sensing & Purge Gas Reclamation						:	
0508	CY7 Rev A							3	
0509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support						\$632,5	
0510	CY7 Rev A								
0511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings						\$15,0	
	CY6 Rev F	Online Wiring Diagnostics						200	
0513	CY7 Basic	Development of Smart, Environmentally Friendly Coating						\$33,1	
	CY6 Rev C	Mechanical Systems Dust Assessment							
0515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech. In-Situ Phosphatization for KSC Coatings and Corrosion Prev.							
0521 0522 C	CY7 Basic CY7 Rev A	Composite Conductors for Lightning Strike Mitigation							
0524	CY7 Basic	NASA Materials Science WCSP/WCSD Server Sys. Admin.							
0525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II							
0525 0526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware							
0527	CY7 Basic	NASA Engineering (NE) Information Security Protection							
0528	CY7 Basic	Parallel Cryogenic Pumping Capability							
0529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump							
00531	CY7 Basic	Integrated Ground Systems Diagnostics							
00532 C	CY6 Rev C	Flow Detection System for WCCS							
00533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM							
00534	CY7 Basic	Cryogen Storage in Aerogel Composites							
00535	CY7 Basic	Low VOC Topcoats for Thermal Spray Coatings						\$9,1	
00536	CY7 Basic	Mars Architecture Team (MAT) Study							
00537 C	CY6 Rev A								
00538	CY7 Basic	PAD 39B CLV LH2							
00539	CY7 Rev A								
00540	CY7 Basic	Aerocoat AR-7							
00541	CY7 Basic	Orion SPE Fluid Systems						\$775,9	
00542	CY7 Basic	Fluid Systems (CxP) Integration Support							
00543	CY7 Rev A								
00544 00546	CY7 Basic CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support Software Development for Rapid Propellant Loading						\$6.5	
00546	CY7 Basic							\$186.6	
0548	CY7 Basic	Refractory Materials for Flame Deflector Protection System						\$204,8	
00548	CY7 Rev A	· · · · · · · · · · · · · · · · · · ·						B204,0	
0550	CY7 Basic	LETF Constellation Test Support							
00551	CY7 Basic	Coastal Radar Video Surveillance System Installation							
0552	CY7 Rev A							\$756.2	
0554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems							
0556	CY7 Rev A							\$311.	
0557	CY7 Basic	ESTCP Coating Test						\$3,	
0558	CY7 Basic	Dust Mitigation for Solar Panels							
0559	CY7 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process							
0560	CY7 Basic	MPPF Upgrade CxP Project Support					-	\$97,	
0561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System							
0562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks							
0563	CY7 Rev A							\$121,	
0572	CY7 Basic	Propellant Conditioning							
0573	CY7 Basic	Constellation Logistics Support Analysis						\$1,451,	
0574	CY7 Rev A							\$1,566,	
0575	CY7 Rev A								
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support							
00577	CY7 Basic	Launch Vehicle Processing Business/Technical Resource						\$267,	
00578	CY7 Basic	ISS and Spacecraft Processing Support							

	iod Task Ord	ei Summary			CY 08			
Task Order			Adjusted Target Labor	Other Direct			1	T
C=Close 00579	Revision CY7 Basic	Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
00579	CY7 Basic	Process Management Support for Crew Launch Vehicle				Amaia 1 00	100	\$269,503
00584 C	CY6 Rev A	Shuttle Turnaround Planning and Manifesting						\$260,058
00585	CY7 Basic	-y mando anglosing support to 17						\$200,058 \$0
00586	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						\$81,334
00587	CY7 Basic	Aerogel Blanket Insulation for Space Environments						\$5,269
00588	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						\$291,533
00589	CY7 Basic	Information Systems Division Support						\$583,713
00590	CY7 Basic	Smart Algorithms for Nano Sensor						Φ303,713
00591	CY7 Basic	Connector Electrical Integrity Checks Using Ultrasonics						
00591	CY7 Basic	VAB Firex FiC Design						
00592		Solid Rocket Processing Element Support						
00593 00594	CY7 Basic	Helium Conservation						. \$0
00594 00595	CY7 Basic	Iridium-Based Inert Anodes						\$0
	CY7 Basic	Recycling Methane Production						\$0
00596	CY7 Basic	Continuous Flow Sintering System for Lunar Surface Stabilization						\$0
00597	CY7 Rev A	New Organic Zinc Rich Primer for Launch Structures						\$0
00598 00599	CY7 Basic	In-Situ Propellant Conditioning						\$0
	CY7 Basic	Portable Hand-Position Orbiter Window Inspection Device						\$0
00600	CY7 Basic	Large Cryogenic Tank NDE Techniques						\$40,427
00601	CY7 Basic	Magnetic Excavation and Transport of Lunar Soils						\$0
00602	CY7 Basic	Propellants Management						\$7,086
00603	CY7 Basic	Online Cable Tester						\$219,372
00604	CY7 Basic	Regolith O2 Feedstock Excavation						\$192,106
0605	CY7 Basic	Lunar Implement Quick Attach Interface for Chariot						\$0
0606	CY7 Basic	Continuous Lunar Water Separation Process						\$18,607
0607	CY7 Basic	Lunar Dust Tolerant Quick Disconnect Connectors			***			\$0
	CY7 Basic	Investigation and Modification of Hypergolic Indicating Wipes						\$85,285
	CY7 Basic	Launch Accessories Expert Support						\$0
	CY7 Basic	Non Destructive Evaluation/Inspection Corrosion Under Paint						\$260,242
	CY7 Basic	Refractory Concrete						
0614	CY 7 Basic	CxP Blast Mitigation Support						
		TOTAL						
		ADJUSTMENT TO ACTUALS						\$22,583,726
								\$22,583,726

	? EQUISITIO	NC		MARKET BARRETS	PERSONAL PROPERTY AND ADDRESS OF THE PERSON		OCUREN	MENT REQUEST NO.	
						REC	QUISITIC	ON DATE	
	ONE NUMBER, AND ROUTING S Davis/(321)867-5942		CONTACT			03	3/19/	/2009	
	ING OFFICE DATA		,			2 TY	YPE OF	REQUEST (Check on	e)
	ohn F. Kennedy Sp							REQUEST	
4. ADDITIONA	IAL INFORMATION (Suggested so	upply sources, security da	ta, etc.)			B	CHAN	IGE TO DING PR NO	
						c. [MODIF	FICATION TO	
							CONTI	RACT OR	
							ORDE	R NO.	*
		5. APPROVALS						NEE AND DESTINATION	
F	APPROVING OFFICIALS (A)	ROUTING SYMBOL	DATE	INTER	RNAL ROUTING ROUTING	NAS		ennedy Space	
41 ALITHORIZE	(A) ED REQUISITIONER	(B)	(C)	(D)	ROUTING SYMBOL (E)	KEN	NNEur	I SPACE CENT	TER FL 32899
Carol Da	avis	KSC							
(2)				+		—			
(3)			_					REQUIRED	
4)		+	***************************************	++			/19/2	2009 Ment furnished pf	
					1	YES	[v]	see par. 8 of instructions on next page.)	
		9	DESCRIPTIO	ON OF ITEMS	S OR SERVIC				
ITEM NO.	ITEM OR S	SERVICE (Include Specificati				QUANTITY	V UNIT		ESTIMATED COST
(A)		(B)	0110 and -p.	Alucio,		(C)	(D)	UNIT (E)	AMOUNT (F)
	FOB: Destination	n			1		7	-	
001	INCREMENTAL FUNI							1	1,606,524.00
	Total Line Item	Value: \$1,60	6,524.00		1				
								1	
	Accounting Info:				. [,			
	76NE000/6100.255)4.04/0				
	00/2550/76/ESAX2				_	i	1 1	İ	
	76NE000 GI Accou						1 1	İ	
	Commitment Item:					1		Ì	
	ESAX22008D Funct			/6 Fund.		1		l	
	Funded: \$303.00	JIOHAI HICK.	234 n			,		1	
	Accounting Info:	:				J			
	76NE000/6100.255		0/292360.	09.24.0	14.21/0	1			
	00/2550/76/EXPX2				4.2.,	1			
	76NE000 GI Accou				0 WBS	1			
	Element1: 292360	0.09.24.04.21	Item Num	mber: 00	00	1			
	Commitment Item:	: 2550 Funds (Center: 7			1			
	EXPX22009D Funct		234A			1			
	Funded: \$230,000	0.00							
							1 .		
	Continued					ł	1		I
	Continued								
	Continued						-		TAL ESTIMATED COST 1,606,524.00

				Page 2 of 6		
ITEM NO.	ITEM OR SERVICE (Include Specifications and Special Instructions)	QUANTITY	UNIT		STIMATED COST	
(A)	(B)	(C)	(D)	UNIT PRICE (E)	AMOUNT (F)	
	Accounting Info:			•		
	76NE000/6100.2550/76/FC000000/329527.01.06.0485.09					
	/000/2550/76/CASX22009R/CASP/3/4 Cost Center:					
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS					
	Element1: 329527.01.06.0485.09 Ttem Number: 000					
	Commitment Item: 2550 Funds Center: 76 Fund:					
	CASX22009R Functional Area: CASP					
	Funded: \$33,000.00					
	Accounting Info:					
	76NE000/6100.2550/76/FC000000/329527.01.06.0498.09					
	/000/2550/76/CASX22009R/CASP/4/5 Cost Center:					
•	76NE000 GI Account: 6100.2550 Order: FC000000 WBS					
	Element1: 329527.01.06.0498.09 Item Number: 000					
	Commitment Item: 2550 Funds Center: 76 Fund:					
	CASX22009R Functional Area: CASP					
	Funded: \$8,772.00		1			
	Accounting Info:					
	76NE000/6100.2550/76/FC000000/128636.01.11/000/255			·		
	0/76/CASX22009D/714A/5/6 Cost Center: 76NE000 GI					
	Account: 6100.2550 Order: FC000000 WBS Element1:				\$1	
	128636.01.11 Item Number: 000 Commitment Item:				•	
	2550 Funds Center: 76 Fund: CASX22009D Functional					
	Area: 714A					
	Funded: \$45,000.00			İ		
	Accounting Info:					
	76NE000/6100.2550/76/FC000000/485310.01.01.02/000/	ļ				
	2550/76/EXCX22008D/538A/6/7 Cost Center: 76NE000					
	GI Account: 6100.2550 Order: FC000000 WBS				·	
	Element1: 485310.01.01.02 Item Number: 000					
	Commitment Item: 2550 Funds Center: 76 Fund:	Í				
	EXCX22008D Functional Area: 538A		İ	į		
	Funded: \$1,182.00	1				
	Accounting Info:					
	76NE000/6100.2550/76/FC000000/811540.02.01.06/000		ļ			
	2550/76/CASX22009D/512F/7/8 Cost Center: 76NE000	·				
	GI Account: 6100.2550 Order: FC000000 WBS					
	Element1: 811540.02.01.06 Item Number: 000					
	Commitment Item: 2550 Funds Center: 76 Fund:					
	CASX22009D Functional Area: 512F					
	Funded: \$30,000.00		ļ			
ŀ	Accounting Info:	İ				
	76NE000/6100.2550/76/FC000000/736466.07.10.06.01.d					
	/4.01/000/2550/76/CASX22009D/361N/8/9 Cost					
1	Center: 76NE000 GI Account: 6100.2550 Order:					
l l	FC000000 WBS Element1: 736466.07.10.06.01.0 WBS			İ		
1	Element2: 4.01 Item Number: 000 Commitment Item:				<u>~</u>	
1	2550 Funds Center: 76 Fund: CASX22009D Functional	1		ļ		
- 1	Area: 361N					
1	Funded: \$29,541.00					
	Accounting Info:					
1	Continued					
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		Page 3 of 6					
	ITEM OR SERVICE (Include Specifications and Special Instructions)	QUANTITY	UNIT		ESTIMATED COST		
ITEM NO. (A)	(B)	(C)	(D)	UNIT PRICE (E)	AMOUNT (F)		
	76NE000/6100.2550/76/FC000000/752374.34.05.02.06/0						
	00/2550/76/CASX22009D/922A/9/10 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS		1				
	Element1: 752374.34.05.02.06 Item Number: 000						
	Commitment Item: 2550 Funds Center: 76 Fund:						
	CASX22009D Functional Area: 922A						
	Funded: \$75,000.00						
	Accounting Info:						
	76NE000/6100.2550/76/FC000000/736466.07.10.06.01.0	}					
	/4.03/000/2550/76/CASX22009D/361N/10/11 Cost						
	Center: 76NE000 GI Account: 6100.2550 Order:						
	FC000000 WBS Element1: 736466.07.10.06.01.0 WBS						
	Element2: 4.03 Item Number: 000 Commitment Item:						
	2550 Funds Center: 76 Fund: CASX22009D Functional						
	Area: 361N						
	Funded: \$108,723.00		1				
	Accounting Info:		İ				
	76NE000/6100.2550/76/FC000000/736466.07.10.06.01.	9					
	/4.09/000/2550/76/CASX22009D/361N/11/12 Cost		1				
	Center: 76NE000 GI Account: 6100.2550 Order:						
	FC000000 WBS Element1: 736466.07.10.06.01.0 WBS				•		
	Element2: 4.09 Item Number: 000 Commitment Item:						
	2550 Funds Center: 76 Fund: CASX22009D Functional						
	Area: 361N						
	Funded: \$12,320.00						
	Accounting Info:						
	76NE000/6100.2550/76/FC000000/736466.10.02.06.04.						
	/7/000/2550/76/CASX22009D/361N/12/13 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 736466.10.02.06.04.0 WBS Element2: 7						
	Item Number: 000 Commitment Item: 2550 Funds		1				
	Center: 76 Fund: CASX22009D Functional Area: 361N						
	Funded: \$16,656.00						
	Accounting Info:						
	76NE000/6100.2550/76/FC000000/574666.08.01.02.02.						
	/7/000/2550/76/EXCX22009D/538A/13/14 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 574666.08.01.02.02.0 WBS Element2: 7						
	Item Number: 000 Commitment Item: 2550 Funds						
	Center: 76 Fund: EXCX22009D Functional Area: 538A	\					
	Funded: \$40,000.00						
	Accounting Info:						
	76NE000/6100.2550/76/FC000000/574666.08.01.02.02.						
	/3/000/2550/76/EXCX22009D/538A/14/15 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS	3					
	Element1: 574666.08.01.02.02.5 WBS Element2: 3						
	Item Number: 000 Commitment Item: 2550 Funds						
	Center: 76 Fund: EXCX22009D Functional Area: 538A	4					
	Funded: \$6,000.00						
	Accounting Info:						
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		Page 4 of 6					
ITEM NO	ITEM OR SERVICE (Include Specifications and Special Instructions)	QUANTITY	UNIT		ESTIMATED COST		
(A)	(B)	(C)	(D)	UNIT PRICE (E)	AMOUNT (F)		
	76NE000/6100.2550/76/FC000000/574666.08.01.02.02.	1					
	/3/000/2550/76/EXCX22009D/538A/15/16 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 574666.08.01.02.02.7 WBS Element2: 3	<u> </u> 					
	Item Number: 000 Commitment Item: 2550 Funds						
	Center: 76 Fund: EXCX22009D Functional Area: 538A						
-	Funded: \$27,000.00						
	Accounting Info:						
	76NE000/6100.2550/76/FC000000/725932.08.03.01.01/d						
	00/2550/76/EXCX22009D/421A/16/17 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 725932.08.03.01.01 Item Number: 000						
	Commitment Item: 2550 Funds Center: 76 Fund:						
	EXCX22009D Functional Area: 421A						
	Funded: \$23,508.00						
	Accounting Info:						
	76NE000/6100.2550/76/FC000000/725932.08.01.01.06/0						
	00/2550/76/EXCX22009D/421A/17/18 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 725932.08.01.01.06 Item Number: 000						
	Commitment Item: 2550 Funds Center: 76 Fund:						
	EXCX22009D Functional Area: 421A				•		
	Funded: \$243.00						
	·						
	Accounting Info:		i				
	76NE000/6100.2550/76/FC000000/292360.07.01.01/000/						
	2550/76/ESAX22008D/234A/18/19 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 292360.07.01.01 Item Number: 000						
	Commitment Item: 2550 Funds Center: 76 Fund:						
	ESAX22008D Functional Area: 234A						
	Funded: \$2,522.00						
	Accounting Info:	ļ	- 1				
	76NE000/6100.2550/76/FC000000/292360.08.02.01.02/						
	00/2550/76/EXPX22009D/234A/19/20 Cost Center:		1				
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS		- 1				
	Element1: 292360.08.02.01.02 Item Number: 000						
	Commitment Item: 2550 Funds Center: 76 Fund:		1				
	EXPX22009D Functional Area: 234A						
	Funded: \$29,879.00		į				
	Accounting Info:						
	76NE000/6100.2550/76/FC000000/292360.09.20.02.11.	Ì					
	/1/000/2550/76/ESAX22008D/234A/20/21 Cost Center:]					
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS	ĺ					
	Element1: 292360.09.20.02.11.0 WBS Element2: 1	Ī					
	Item Number: 000 Commitment Item: 2550 Funds	I					
	Center: 76 Fund: ESAX22008D Functional Area: 234A				-		
	Funded: \$565,921.00						
	Accounting Info:	İ					
	76NE000/6100.2550/76/FC000000/292360.09.20.02.20.0						
	/2/000/2550/76/ESAX22008D/234A/21/22 Cost Center:						
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ITEM NO.	ITEM OR SERVICE (Include Specifications and Special Instructions)	QUANTITY	UNIT		STIMATED COST		
(A)	(B)	(C)	(D)	UNIT PRICE (E)	AMOUNT (F)		
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 292360.09.20.02.20.0 WBS Element2: 2						
	Item Number: 000 Commitment Item: 2550 Funds						
	Center: 76 Fund: ESAX22008D Functional Area: 234A						
	Funded: \$25,796.00						
	Accounting Info:						
	76NE000/6100.2550/76/FC000000/292360.09.20.02.20.0	}					
	/1/000/2550/76/ESAX22008D/234A/22/23 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 292360.09.20.02.20.0 WBS Element2: 1						
	Item Number: 000 Commitment Item: 2550 Funds						
	Center: 76 Fund: ESAX22008D Functional Area: 234A						
	Funded: \$14,891.00						
	Accounting Info:						
	76NE000/6100.2550/76/FC000000/292360.09.20.02.23.	\$					
	/1/000/2550/76/EXPX22009D/234A/23/24 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 292360.09.20.02.23.0 WBS Element2: 1		ļ				
	Item Number: 000 Commitment Item: 2550 Funds						
	Center: 76 Fund: EXPX22009D Functional Area: 234A				-		
	Funded: \$218,413.00				-		
	Accounting Info:						
,	76NE000/6100.2550/76/FC000000/292360.09.20.02.24.	d					
	/1/000/2550/76/ESAX22008D/234A/24/25 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 292360.09.20.02.24.0 WBS Element2: 1						
	Item Number: 000 Commitment Item: 2550 Funds						
	Center: 76 Fund: ESAX22008D Functional Area: 234A						
	Funded: \$28,175.00						
	Accounting Info:						
	76NE000/6100.2550/76/FC000000/292360.09.25.12/000	l					
	2550/76/EXPX22009D/234A/25/26 Cost Center:						
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 292360.09.25.12 Item Number: 000						
	Commitment Item: 2550 Funds Center: 76 Fund:						
	EXPX22009D Functional Area: 234A						
	Funded: \$9,368.00						
	Accounting Info:	ĺ			· ·		
	76NE000/6100.2550/76/FC000000/292360.09.30.09/000	}					
•	2550/76/EXPX22009D/234A/26/27 Cost Center:	1					
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS						
	Element1: 292360.09.30.09 Item Number: 000						
	Commitment Item: 2550 Funds Center: 76 Fund:						
	EXPX22009D Functional Area: 234A						
	Funded: \$17,918.00						
	Accounting Info:		•		-		
	76NE000/6100.2550/76/FC000000/736466.11.01.06.21.	<u>d</u>					
	/5/000/2550/76/CASX22009D/361N/27/28 Cost Center:	1					
	76NE000 GI Account: 6100.2550 Order: FC000000 WBS	1					
	Element1: 736466.11.01.06.21.2 WBS Element2: 5						
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ON M ATI	(B)	QUANTITY (C)	UNIT (D)	UHIT PRICE (E)	AMOUNT (F)
	Item Number: 000 Commitment Item: 2550 Funds	ļ	 ``	(E)	(t,
	Center: 76 Fund: CASX22009D Functional Area: 361N				
	Funded: \$6,393.00				
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